Colonial Pipeline Company

Jeff D. Morrison
Environmental Program Manager

November 30, 2021

To: Dan Bowser, et al.

Re: **Colonial Pipeline SR 2448/Pipeline ROW**
Incident Number 95827
Huntersville, North Carolina

Dear Dan,

Colonial Pipeline Company (Colonial) is pleased to transmit the required Monthly Monitoring Report for November 2021 regarding the above-referenced incident. This report was prepared in conjunction with Apex Engineering, PC.

As discussed during briefings, Colonial continues to perform assessment and product recovery activities.

If you have any questions or require additional information, please contact either John Wyatt at 423.713.7568 / jmwyatt@colpipe.com or myself at 770.819.3566 / jmorrison@colpipe.com.

Respectfully,

Jeff D. Morrison
Environmental Program Manager

APEX

Monthly Monitoring Report
SR 2448 / Pipeline Right of Way
Incident Number 95827

Huntersville, Mecklenburg County, North Carolina 28078

November 30, 2021

Apex Job No.: COL054-0314051-21000948

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1.0 INTRODUCTION

This Monthly Monitoring Report (MMR) presents the results of the soil sampling, groundwater monitoring, surface water monitoring, and free product recovery performed at the Colonial Pipeline Company (CPC) Huntersville-Concord Road (State Road 2448 [SR 2448]) pipeline release site located near Huntersville, Mecklenburg County, North Carolina (the Site). An Initial Assessment Report was submitted to the North Carolina Department of Environmental Quality (NCDEQ) on October 30, 2020. A Comprehensive Site Assessment (CSA), Revised CSA Items, and a Revised CSA Report were submitted to NCDEQ on February 20, 2021, April 26, 2021, and October 30, 2021, respectively. MMRs were sent to NCDEQ on November 30, 2020, December 30, 2020, January 29, 2021, March 12, 2021, March 30, 2021, April 30, 2021, June 2, 2021, June 30, 2021, July 30, 2021, August 30, 2021, September 30, 2021, October 30, 2021, and November 29, 2021 (Addendum). A Conceptual Site Model Report was submitted to NCDEQ on June 25, 2021. Soil delineation sampling results were submitted to NCDEQ in a transmittal dated August 31, 2021 and appended on October 8, 2021. This MMR details Site monitoring and free product recovery activities and results subsequent to those reported in the above mentioned monthly monitoring reports. Apex Companies, LLC (dba Maryland Apex Engineering, P.C.; Apex) prepared this MMR on behalf of CPC for submittal to NCDEQ.

1.1 Site History And Characterization

The CPC Line 1 gasoline release was discovered on August 14, 2020, within the CPC right of way on the Oehler Nature Preserve, approximately 350 feet northeast of where the CPC pipelines cross SR 2448 (**Figure 1** and **Figure 2**). The release is referred to herein as Incident Number (No.) 95827.

The area within a 1,500-foot radius of the Site is a mixture of low density residential properties, agricultural properties, and wooded land. Properties within a 1,500-foot radius of the release site obtain potable water from public water supply or private water supply wells (**Figure 3**). The Site is located within the Yadkin Pee-Dee River Basin. North Prong Clarke Creek is located approximately 1,800 feet north of the release site and South Prong Clarke Creek is located approximately 2,700 feet south of the release site, both of which are characterized by the NCDEQ Division of Water Quality as Class C water bodies, meaning that they are protected for non-drinking water purposes such as biological integrity, fishing, and infrequent secondary recreational purposes (i.e., wading).

Mecklenburg County is located within the Piedmont physiographic province, characterized by rolling hills and moderately steep valleys formed by stream erosion of upland areas. Elevations at the Site range from approximately 650 to 750 feet above mean sea level. The surficial soils at the Site consist almost entirely of fine-grained clayey to silty saprolite developed from the weathering of the underlying bedrock. The soil thickness ranges from a few feet to greater than 100 feet. Data obtained from completed borings indicate the Site is underlain by quartz diorite.

In accordance with the Risk Based Corrective Action rules framework, corrective action objectives for impacted groundwater at the Site are based on risk classification criteria and the associated remedial goals established under North Carolina 15A NCAC 2L .0506 regulations. The risk classification for a site is based on multiple factors, including the distance from the source area of a release to receptors such as surface water bodies and water supply wells. The risk classification for the Site is 'high risk' due to the presence of multiple water supply wells within 1,000 feet of the release site (**Figure 3**). Groundwater remediation goals for sites classified as high risk are the 2L Groundwater Quality Standards.

2.0 SOIL SAMPLING ACTIVITIES AND RESULTS

Soil sampling was completed subsequent to Line 1 and Line 2 inspection and recoating activities utilizing hand tools. Soil assessment activities were also completed during monitoring well and select recovery well installation activities. Soil delineation sampling activities are complete. Soil borings were advanced with either a Geoprobe® direct-push drill rig, a sonic drill rig, and/or utilizing split spoons. Soil cores were retrieved, and samples were collected from target intervals, placed in airtight containers, and allowed to equilibrate for approximately 15 minutes before measuring volatile organic compound (VOC) headspace readings with a photoionization detector (PID). The samples exhibiting the highest headspace readings were typically selected for chemical analysis unless free product was present. In cases where there were no significant PID measurements (i.e., less than 5.0 ppm) in a boring, the depth interval corresponding to the terminus of the unsaturated zone was typically selected for chemical analysis.

Soil samples were submitted to Pace Analytical, LLC (Pace) for laboratory analysis of the following chemical specific parameters in accordance with NCDEQ requirements:

- VOCs by EPA Method 8260D; and
- Volatile Petroleum Hydrocarbons (VPH) by the Massachusetts Department of Environmental Quality (MADEP) Method.

Results of the soil sampling analysis are summarized in **Table 1**, **Table 2**, and on **Figure 4**.

3.0 WELL GAUGING ACTIVITIES

The recovery well pumping system was shut down for approximately 24 hours on October 26, 2021 to facilitate gauging of the entire monitoring and recovery well network on October 27, 2021. Groundwater at the Site flows in a general northerly and southerly direction. The monitoring well and recovery well gauging data is presented in **Table 3** and **Table 4**, respectively. Groundwater potentiometric surface maps for the surficial and bedrock units are provided as **Figure 5** and **Figure 6**, respectively. A free product distribution map is provided as **Figure 7**.

4.0 GROUNDWATER INVESTIGATION ACTIVITIES AND RESULTS

Between August 27, 2020 and November 23, 2021, 117 monitoring wells were installed at the Site utilizing hollow stem auger, air rotary, and sonic drilling methods. Shallow monitoring wells are typically constructed as Type II wells with the well screen bracketing the water table. Deep monitoring wells are constructed with isolation casings extending from ground surface and tremie grouted approximately 10 feet into the consolidated bedrock unit, and an open borehole without casing or screen extends through the isolation casing and into the bedrock unit. Monitoring wells MW-90DD and MW-91DD are constructed with telescoping isolation casings. Deep wells are completed with 2" PVC casing and screen following completion of downhole geophysical logging activities. Boring logs generated since the previous report are provided as **Appendix A**.

Well development was performed to evacuate any potable water and sediment introduced during the well drilling and installation process. Monitoring well development was performed by lowering a decontaminated submersible pump into the screen interval of the well, surging the pump to bring sediment into suspension and pumping multiple well volumes until the purge water was generally free of sediment. Drill cuttings and well development fluids were contained for off-site disposal.

Each monitoring well present and without measurable free product at the time of the groundwater monitoring event for this reporting period was sampled between November 1 - November 5, 2021. Monitoring well sampling was performed in accordance with the United States Environmental Protection Agency (U.S. EPA) "Low Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells". During low-flow purging and sampling activities, continuous parameter readings were collected through a flow-through cell and measured for select stabilization parameters including: temperature, specific conductance, pH, oxygen reduction potential, dissolved oxygen, and turbidity. These parameters were recorded at periodic intervals. Typical criteria for stabilization is defined as specific conductance within 3%, pH within 0.1 units, oxidation reduction potential within 10 millivolts, dissolved oxygen within 0.3 milligrams per liter (mg/L), and turbidity within 10% over three consecutive measurements.

Groundwater samples were collected in laboratory supplied bottle ware, placed on ice, and transported, via chain-of-custody protocol, to Pace. Samples were analyzed for the presence of VOCs by EPA Method 6200, VPH by the MADEP Method, and lead by EPA method 6010D. Groundwater sampling logs are provided in **Appendix B**. Detections of analyzed constituents in monitoring wells are depicted on **Figure 8**. Isoconcentration maps for benzene, diisopropyl ether, methyl-tert butyl ether, naphthalene, toluene, total xylenes, C5-C8 Aliphatics, C9-C12 Aliphatics, and C9-C10 Aromatics for both the surficial and bedrock units are provided as **Figure 9A** through **Figure 17B**, respectively. Analytical results are summarized in **Table 5A** and copies of the laboratory reports are provided in **Appendix C**. Analytical results of select oxygenate sampling are summarized in **Table 5B**. A summary of well construction details is provided as **Table 6**. Detections of lead, bromodichloromethane, chloroform, chloromethane, dibromochloromethane, 1,2-dichloroethane, hexachloro-1,3-butadiene, methylene chloride, styrene, 1,1,1,2-

tertachloroethane, tetrachloroethene, trichloroethene, trichlorofluoromethane, and vinyl chloride are not attributed to Incident No. 95827.

Weekly water supply well (WSW) sampling was completed by Apex during the reporting period. WSW samples were collected in laboratory supplied bottle ware, placed on ice, and transported, via standard chain-of-custody protocol, to Pace. Samples were analyzed for the presence of VOCs by EPA Method 6200, VPH by the MADEP Method, and lead by EPA method 6010D. WSW sampling results (detections only) are depicted on **Figure 18** and summarized in **Table 7**. **Table 8** shows WSW receptor information. Copies of the laboratory reports are provided in **Appendix C**.

Weekly WSW samples continue to show no petroleum constituents exceeding the 2L Groundwater Quality Standards. In accordance with NCDEQ guidance, and based on current data, CPC will continue sampling WSWs within 1,500 feet of the release site.

5.0 SOIL VAPOR INVESTIGATION ACTIVITIES AND RESULTS

Monthly soil vapor sampling activities at soil vapor sampling points SVP-01 through SVP-15 were completed on November 23, 2021. It is anticipated that the results of the November soil vapor sampling will be provided in the December 2021 MMR.

6.0 SURFACE WATER INVESTIGATION ACTIVITIES AND RESULTS

The Site is located within the Yadkin Pee-Dee River Basin. North Prong Clarke Creek is located approximately 1,800 feet north of the release site and South Prong Clarke Creek is located approximately 2,700 feet south of the release site, both of which are classified as Class C water bodies by the NCDEQ Division of Water Resources. Two groundwater seeps and an ephemeral stream are located approximately 1,200 feet southeast of the release site. The ephemeral stream flows to South Prong Clarke Creek.

Surface water sampling was conducted by Environmental Planning Specialists, Inc. (EPS) at seven locations (SW-1 through SW-7). Surface water samples were also collected from the two groundwater seep locations (SW-Seep and SW-Seep 2) and the receiving ephemeral stream (SW-Confluence, SW-Confluence 2, and SW-G). Surface water samples were collected in laboratory supplied bottle ware, placed on ice, and transported, via chain-of-custody protocol, to Pace. Samples were analyzed for the presence of benzene, toluene, ethylbenzene, xylenes (BTEX) by EPA Method 8260D and total petroleum hydrocarbons gasoline range organics by EPA Method 8015C. All surface water samples collected to date have not exceeded North Carolina Title 15A NCAC 02B regulations. A surface water sample locations map, surface water sampling results, and general surface water parameter measurements are provided in **Appendix D**.

7.0 REMEDIATION ACTIVITIES SUMMARY

7.1 Air Sparge and Soil Vapor Extraction System

The objective of the air sparge (AS) and soil vapor extraction (SVE) system is to decrease the migration of dissolved phase hydrocarbons south of the release site and recovery well network. A total of 22 air sparge wells and 18 soil vapor extraction wells have been installed (**Figure 19**). Vapor recovered from soil vapor extraction wells is routed through a temporary thermal oxidation unit.

The AS and SVE system start-up was initiated on August 23, 2021. The air sparge system was shut down on September 10, 2021 to evaluate the system. The SVE system continues to operate.

7.2 Free Product Recovery Activities

As of November 23, 2021, a total of 94 vacuum enhanced recovery wells and 56 hydraulic control wells have been installed within the release site (**Figure 20**). Pneumatic recovery pumps are operated in the wells and vacuum is applied to the wells to enhance recovery. As of November 23, 2021, approximately 1,262,215 gallons of gasoline free product has been recovered from the well network. Total product recovery during the soil excavation activities (2,273 gallons), the emergency response activities (90,930 gallons), soil vapor recovery (6,383 gallons), and from

the well network (1,262,215 gallons) is approximately 1,361,801 gallons. A summary of system one and system two vapor recovery operations information is provided in **Table 9** and **Table 10**, respectively. A summary of thermal oxidizer influent air sampling results is provided as **Table 11**, and copies of analytical reports for the reporting period are included with **Appendix C**. A summary of system one and system two vapor phase mass removal calculations is provided as **Table 12** and **Table 13**, respectively. A summary of wells equipped with recovery pumps and vacuum enhancement is provided in **Table 14**. A table and graph of free product and PCW recovery rates is provided in **Appendix E**.

Recovered free product has been transported for reprocessing to Midwest Gas Company located in Columbus, Ohio and the CPC Facility located in Greensboro, North Carolina.

8.0 WASTE DISPOSAL ACTIVITIES

Waste streams and recovered petroleum fuels generated at the Site in connection with abatement and corrective action activities include petroleum contact water and soil. Since recovery efforts were initiated, petroleum contact water has been sent to Aaron Oil Company, Inc. located in Saraland, Alabama, Allied Waste Services of Birmingham, Alabama, Heritage Crystal-Clean of Concord, North Carolina, Midwest Gas Company of Columbus, Ohio, Legacy Environmental Services of Charlotte, North Carolina, Marion Environmental of Monroe, North Carolina, and Covanta Environmental Solutions of Asheboro, North Carolina for processing. Soil has been sent to the Environmental Soil, Inc. land application facility located in Lattimore, North Carolina (Permit Number SRU100038) the Charlotte Motor Speedway Landfill located in Concord, North Carolina and operated by Republic Services (Permit Number 1304-MSWLF-1992). Excavated soil was initially sent to the Environmental Soil, Inc. land application facility between August 16 and August 27, 2020. At the request of NCDEQ, the soil was later transferred to the Charlotte Motor Speedway Landfill between October 9, 2020 and October 16, 2020. As of October 16, 2020, the transfer of soil to the Charlotte Motor Speedway Landfill was completed. Any additional excavated soils have been transported directly to the Charlotte Motor Speedway Landfill. Copies of bills of lading and waste manifests covering the October 2021 period are provided in **Appendix F**.

9.0 CONCLUSIONS

A total of 307 wells (117 monitoring wells, 94 recovery wells, 56 hydraulic control wells, and 40 air sparge system wells) were installed at the Site between August 27, 2020 and November 23, 2021. Detections of lead, bromodichloromethane, chloroform, chloromethane, dibromochloromethane, 1,2-dichloroethane, hexachloro-1,3-butadiene, methylene chloride, styrene, 1,1,1,2-tertachloroethane, tetrachloroethene, trichloroethene, trichlorofluoromethane, and vinyl chloride are not attributed to Incident No. 95827. **Figure 9A** through **Figure 17B**, depict the horizontal and vertical extent of dissolved phase petroleum impacts, based on the November 2021 groundwater sampling results. Weekly WSW samples continue to show no petroleum constituents exceeding the 2L Groundwater Quality Standards. Bi-weekly surface water sampling continues to show no petroleum constituents above North Carolina Title 15A NCAC 02B regulations. Free product recovery activities continue. As per NCDEQ's Notice dated September 25, 2020, groundwater monitoring reports will be submitted to the NCDEQ Mooresville Regional Office each subsequent month until that schedule is revised.

FIGURES



Data Sources: US Geological Survey (Elevation Products)

Checked By:	AS
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Scale:	1 " = 750 FT
Date/Time:	11/17/2021; 11:10
Project No.:	CPC20126

Site Location Map

Colonial Pipeline Company

2020-L1-SR2448

Huntersville, North Carolina

0 750 1,500 2,250 Feet

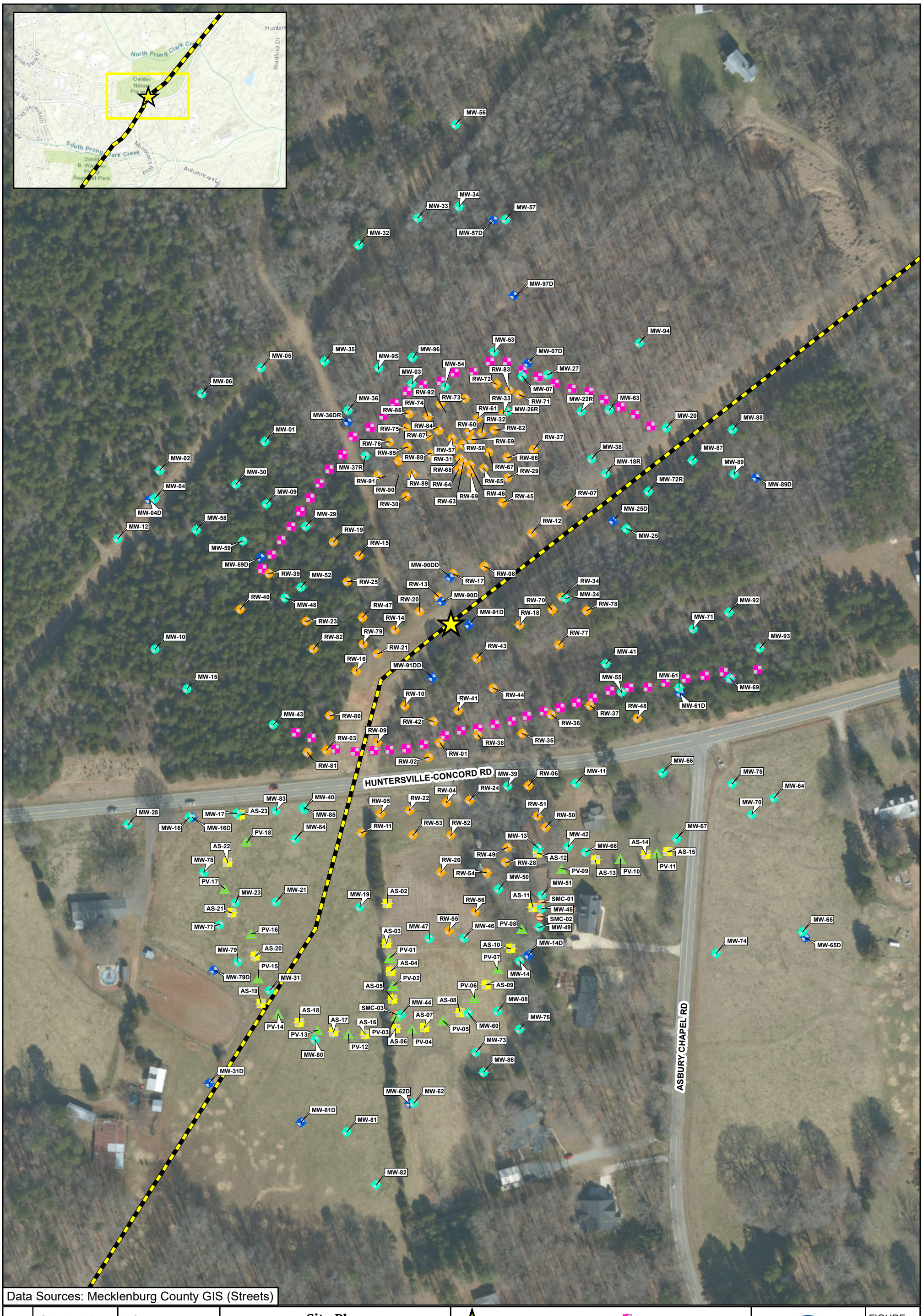
Figure

1

Release Site

APEX

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 1-Site Location Map.mxd



Data Sources: Mecklenburg County GIS (Streets)

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Project No.:	CPC20126

Site Plan
Colonial Pipeline Company
2020-L1-SR2448 Release
Huntersville, North Carolina

0 150 300 Feet

- Release Site
- Pipeline
- Monitoring Well
- Monitoring Well (Bedrock)
- Recovery Well
- Hydraulic Control Well
- Air Sparge
- Vapor Point
- Piezometer

Notes:
Installed well points that have been surveyed are currently depicted.

APEX

FIGURE 2

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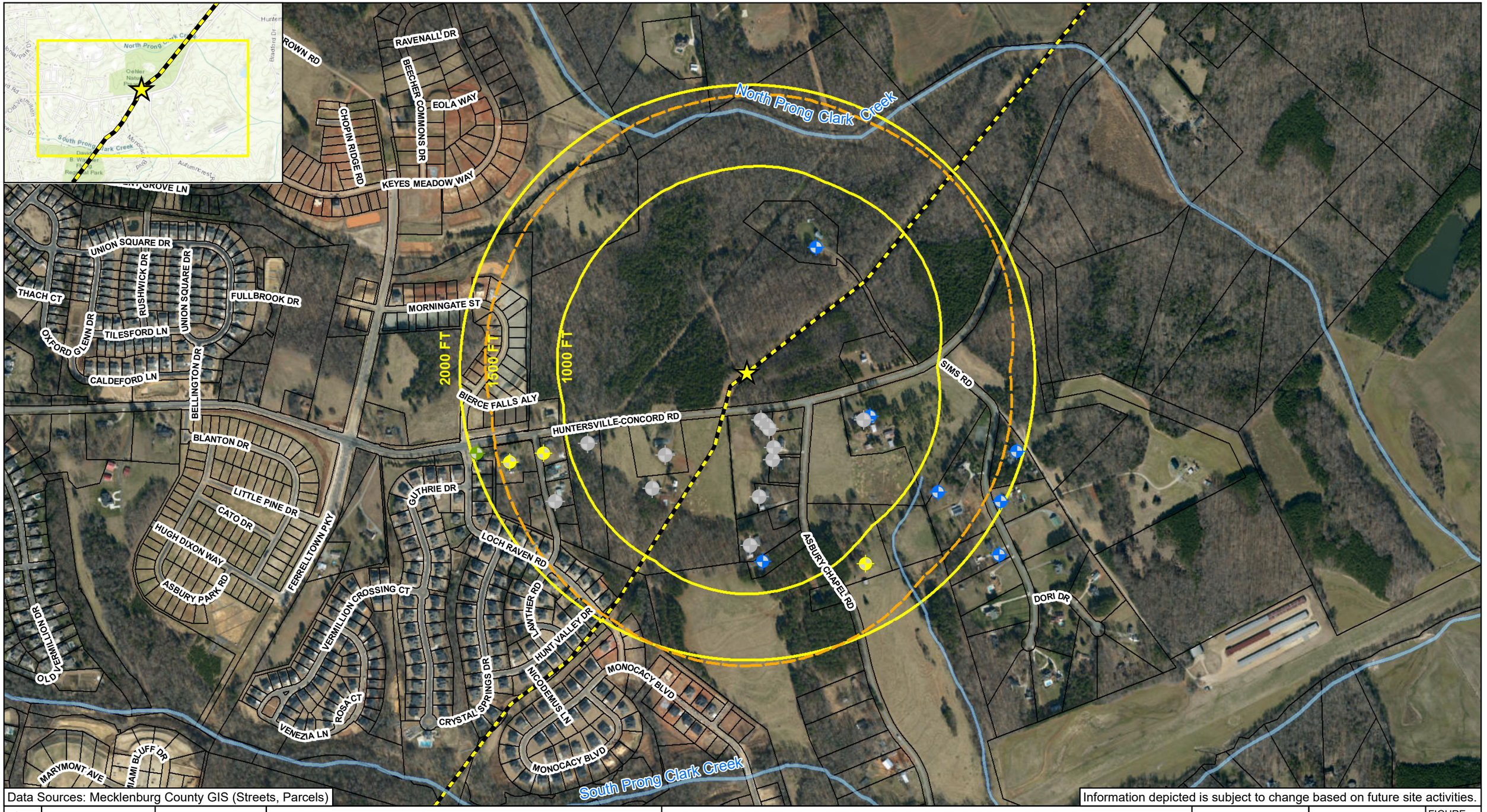

Data Sources: Mecklenburg County GIS (Streets, Parcels)

Information depicted is subject to change based on future site activities.

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Potential Receptor Map
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 600 1,200 1,800 Feet

- Release Site
- Pipeline
- Parcel Boundaries
- Water Supply Well (Potable Use)
- Water Supply Well (Non-Potable Use)
- Water Supply Well (Abandoned)
- Water Supply Well (Inactive Use)
- 1,500-Foot Radius from Edge of October 2021 Free Product Boundary
- Radius from Release Site

APEX

FIGURE 3

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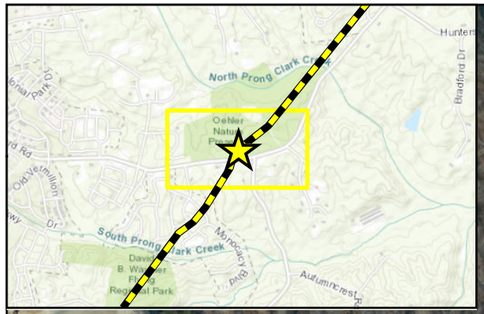

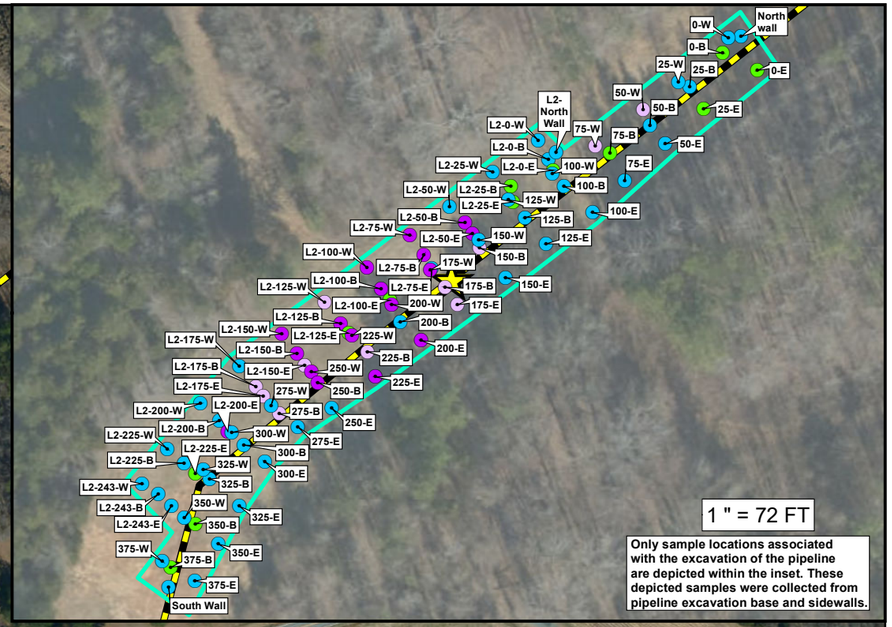

Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

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Project No.:	CPC20126

Pipeline Excavation and Delineation Soil Sampling Results
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 225 450 675 Feet

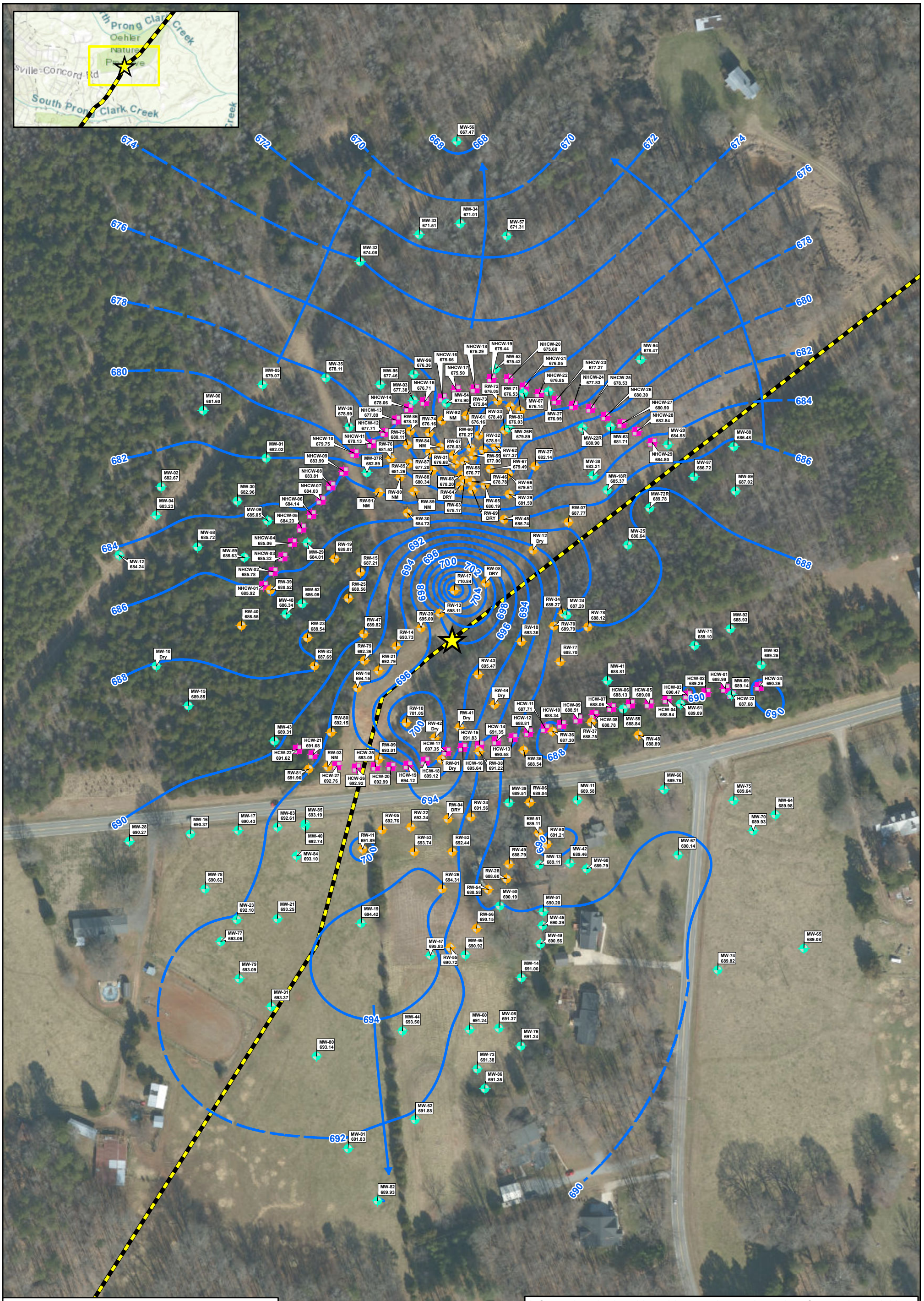
- Release Site
- Pipeline
- Equal to or Below Maximum Soil Contaminant Concentration Levels (MSCCs)
- Exceeds Soil-To-Water (MSCCs)
- Soil Sample Collected At or Below the Saturated Interval
- Exceeds Residential Soil Clean Up Levels (MSCCs)
- Exceeds Industrial/Commercial Soil Levels (MSCCs)
- Area of all excavated soil

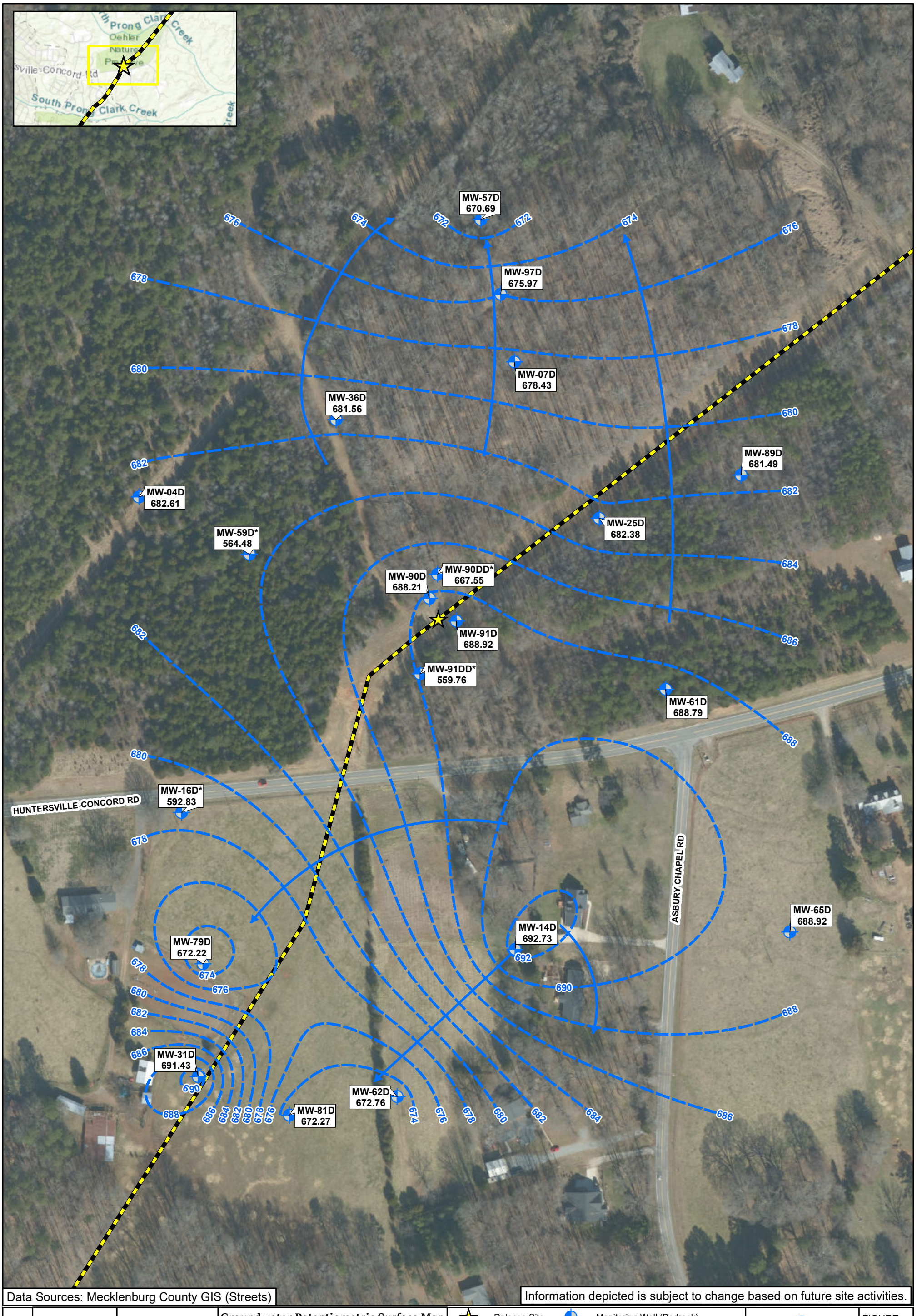
Notes: See Table 1 and Table 2 for detailed results.
Soil sampling results depicted on this map represent soil conditions between two feet below ground surface and the saturated interval.

APEX

FIGURE 4

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 4-Pipeline Excavation and Delineation Soil Sampling Results.mxd


South Prong Clark Creek
Oehler Nature Preserve
Sville-Concord Rd
674
672
670
668
676
678
680
682
684
686
688
690
692
694
696
698
700
702
704
MW-56 667.47
MW-34 671.01
MW-33 671.51
MW-57 671.31
MW-32 674.08
MW-05 679.07
MW-35 678.11
MW-06 681.60
MW-01 682.02
MW-02 682.67
MW-30 682.96
MW-04 683.23
MW-09 685.05
MW-58 685.72
MW-59 685.63
MW-12 684.24
MW-10 Dry
MW-15 689.85
MW-43 689.31
MW-16 690.37
MW-17 690.43
MW-28 690.27
MW-78 690.62
MW-23 692.10
MW-21 693.25
MW-77 693.06
MW-79 693.09
MW-31 693.37
MW-83 692.61
MW-85 693.19
MW-40 692.74
MW-84 693.10
MW-80 693.14
MW-81 691.83
MW-82 689.93
MW-62 691.88
MW-44 693.50
MW-47 695.83
RW-55 690.72
MW-46 690.92
MW-49 690.56
MW-45 690.39
MW-51 690.20
MW-19 694.42
RW-56 690.15
MW-50 690.19
MW-14 691.00
MW-08 691.37
MW-60 691.24
MW-76 691.24
MW-73 691.38
MW-86 691.35
MW-74 689.82
MW-65 689.08
MW-64 689.98
MW-75 689.64
MW-70 689.93
MW-66 689.75
MW-67 690.14
MW-11 689.58
MW-39 689.51
MW-06 689.04
MW-42 689.46
MW-13 689.11
MW-68 689.79
MW-51 689.11
MW-50 691.21
MW-49 688.79
MW-28 688.60
MW-54 688.58
MW-26 694.31
MW-52 692.44
MW-53 693.74
MW-22 693.24
MW-05 692.76
MW-11 691.89
MW-04 DRY
MW-24 691.56
MW-41 688.81
MW-92 688.93
MW-71 689.10
MW-93 689.25
MW-69 689.14
MW-24 690.36
MW-23 687.68
MW-61 689.09
MW-55 688.84
MW-48 688.89
MW-07 687.77
MW-25 686.64
MW-72R 689.78
MW-87 686.72
MW-89 687.02
MW-18R 685.37
MW-38 683.21
MW-88 686.48
MW-20 684.58
MW-29 684.80
MW-63 681.71
MW-22R 680.90
MW-94 678.47
MW-27 682.14
MW-58 685.72
MW-59 685.63
MW-12 684.24
NHCW-04 685.06
NHCW-03 685.32
NHCW-02 685.78
NHCW-01 685.92
MW-29 684.01
RW-19 688.07
RW-15 687.21
RW-25 688.56
MW-52 686.09
MW-48 686.34
RW-39 688.52
RW-40 686.55
RW-23 688.54
RW-82 687.69
RW-47 689.82
RW-79 692.36
RW-16 694.15
RW-21 692.79
RW-80 692.15
RW-03 NM
HCW-21 691.68
HCW-22 691.62
RW-81 691.96
HCW-27 692.76
HCW-26 692.92
HCW-25 693.08
HCW-20 692.99
RW-09 693.01
HCW-19 694.12
RW-08 DRY
RW-17 710.84
RW-13 698.11
RW-20 695.00
RW-14 693.73
RW-10 701.05
RW-42 Dry
HCW-17 697.35
RW-01 Dry
HCW-18 699.12
HCW-15 691.83
HCW-16 695.64
RW-41 Dry
RW-43 695.47
RW-44 Dry
HCW-14 691.35
HCW-13 690.58
RW-38 691.22
RW-35 688.54
RW-18 693.36
RW-70 689.79
RW-78 688.12
RW-77 688.70
RW-34 689.27
RW-24 687.20
RW-12 Dry
RW-45 685.74
RW-69 DRY
RW-63 678.17
RW-65 680.19
RW-29 681.59
RW-64 DRY
RW-46 678.78
RW-66 679.61
RW-68 678.20
RW-67 679.49
RW-62 677.37
RW-59 677.00
RW-58 676.77
RW-31 676.68
RW-87 677.20
RW-88 680.34
RW-85 681.26
RW-57 676.03
RW-84 NM
RW-75 680.11
RW-74 676.16
RW-86 678.18
RW-92 NM
RW-61 676.16
RW-60 676.27
RW-32 678.91
MW-26R 679.89
RW-83 676.03
RW-33 678.40
MW-27 676.99
MW-07 676.14
RW-73 675.84
RW-72 676.05
RW-71 676.53
MW-54 674.90
MW-03 677.38
MW-95 677.46
MW-96 676.36
NHCW-15 676.71
NHCW-16 675.66
NHCW-17 675.50
NHCW-18 675.29
NHCW-19 675.44
NHCW-20 675.60
MW-53 675.42
NHCW-21 676.05
NHCW-22 676.85
NHCW-23 677.27
NHCW-24 677.83
NHCW-25 678.53
NHCW-26 680.30
NHCW-27 680.90
NHCW-28 682.84
NHCW-29 684.80
MW-36 678.99
NHCW-13 677.89
NHCW-12 677.71
NHCW-11 678.13
NHCW-10 679.75
NHCW-09 683.99
NHCW-08 683.81
NHCW-07 684.03
NHCW-06 684.14
NHCW-05 684.23
RW-91 NM
RW-90 NM
MW-37R 682.89
RW-76 681.52
NHCW-14 678.06
RW-96 678.18
RW-22R 680.90
HCW-02 689.29
HCW-01 688.99
HCW-03 690.47
HCW-04 688.94
HCW-06 688.13
HCW-05 689.00
HCW-07 688.06
HCW-08 688.78
HCW-09 688.51
HCW-10 688.34
HCW-11 687.71
HCW-12 688.81
RW-36 687.30
RW-37 688.75
RW-39 688.52
RW-52 688.09
RW-48 686.34



Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/19/2021; 13:15
Project No.:	CPC20126

Groundwater Potentiometric Surface Map - Bedrock Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

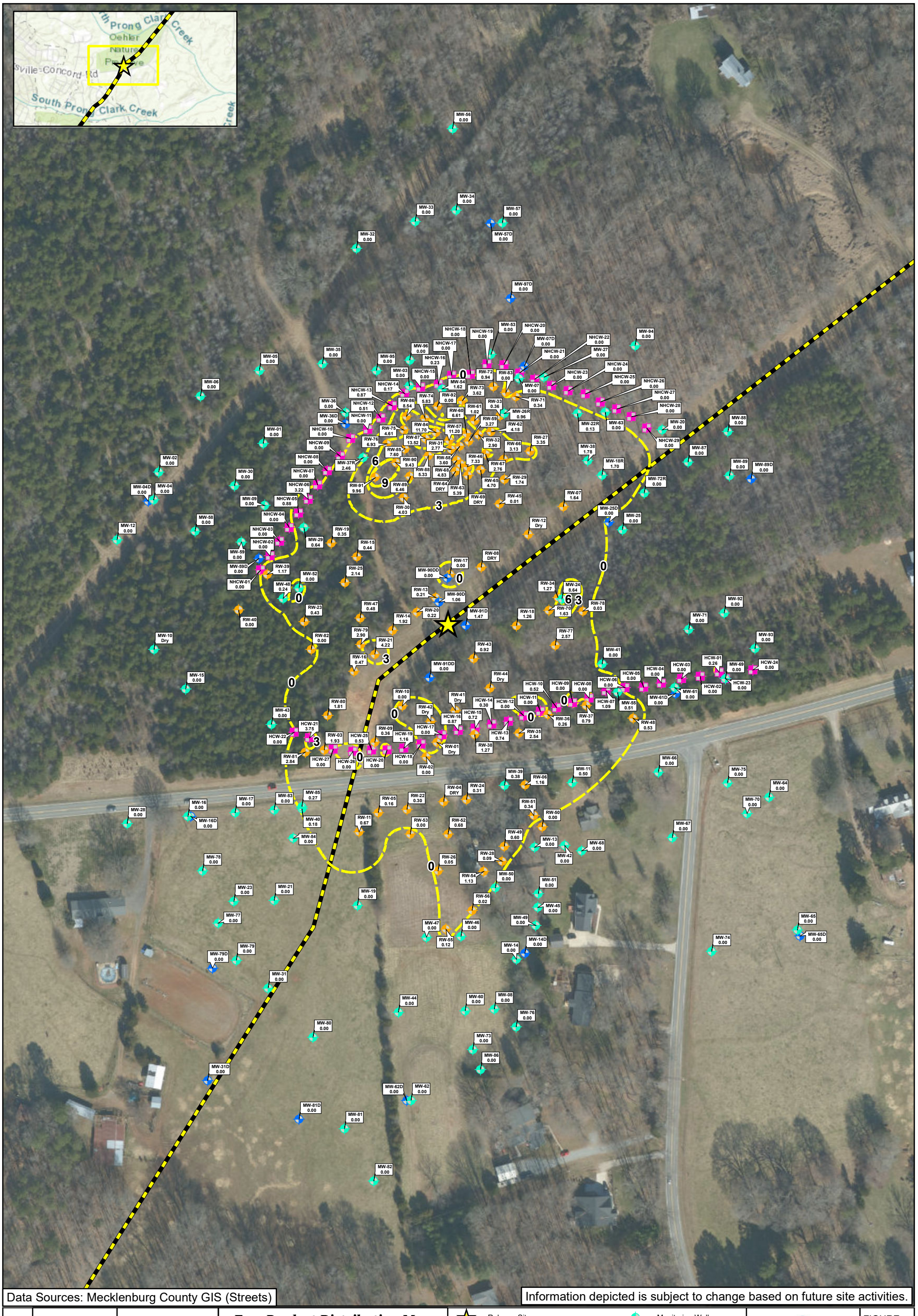
Release Site
Monitoring Well (Bedrock)
Pipeline
Apparent Groundwater Flow Direction
Equipotential Contour (ft amsl)

NOTES:
Contours based on monitoring well gauging data collected on 10/27/2021;
Groundwater elevation measurements shown in feet amsl (above mean sea level);
The following wells were denoted with an asterik not used during contouring:
MW-16D*, MW-59D*, MW-90DD*, MW-91DD*
Contours interpolated using Surfer (Kriging)

APEX

FIGURE 6

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 6-Bedrock Groundwater Potentiometric Surface Map_Portrait.mxd


Prong Clark Creek
Oehler
Nature
Pr e
sville-Concord Rd
South Prong Clark Creek
Creek
MW-56 0.00
MW-34 0.00
MW-33 0.00
MW-57 0.00
MW-57D 0.00
MW-32 0.00
MW-97D 0.00
MW-53 0.00
MW-94 0.00
MW-07D 0.00
MW-27 0.00
MW-96 0.00
MW-95 0.00
MW-35 0.00
MW-05 0.00
MW-06 0.00
MW-03 0.00
MW-54 1.62
MW-07 0.00
MW-36 0.00
MW-36D 0.00
MW-01 0.00
MW-02 0.00
MW-30 0.00
MW-04D 0.00
MW-04 0.00
MW-09 0.00
MW-37R 2.46
MW-58 0.00
MW-12 0.00
MW-59 0.00
MW-59D 0.00
MW-29 0.64
MW-52 0.00
MW-48 0.24
MW-40 0.00
MW-10 Dry
MW-15 0.00
MW-43 0.00
MW-16 0.00
MW-16D 0.00
MW-17 0.00
MW-28 0.00
MW-83 0.00
MW-85 0.27
MW-40 0.18
MW-84 0.00
MW-78 0.00
MW-23 0.00
MW-21 0.00
MW-77 0.00
MW-79 0.00
MW-79D 0.00
MW-31 0.00
MW-31D 0.00
MW-80 0.00
MW-81D 0.00
MW-81 0.00
MW-82 0.00
MW-62D 0.00
MW-62 0.00
MW-44 0.00
MW-60 0.00
MW-08 0.00
MW-76 0.00
MW-73 0.00
MW-86 0.00
MW-19 0.00
MW-47 0.00
MW-46 0.00
MW-49 0.00
MW-14 0.00
MW-14D 0.00
MW-51 0.00
MW-45 0.00
MW-50 0.00
MW-56 0.02
MW-54 1.13
MW-55 0.12
MW-28 0.09
MW-26 0.05
MW-53 0.00
MW-52 0.68
MW-11 0.67
MW-22 0.30
MW-05 0.16
MW-04 DRY
MW-24 0.31
MW-39 0.38
MW-06 1.16
MW-11 0.50
MW-51 0.34
MW-50 0.00
MW-49 0.60
MW-13 0.00
MW-42 0.00
MW-68 0.00
MW-66 0.00
MW-75 0.00
MW-64 0.00
MW-70 0.00
MW-67 0.00
MW-65 0.00
MW-65D 0.00
MW-74 0.00
MW-72R 0.00
MW-07 1.64
MW-25D 0.00
MW-25 0.00
MW-12 Dry
MW-88 0.00
MW-20 0.00
MW-29 0.00
MW-87 0.00
MW-89 0.00
MW-89D 0.00
MW-38 1.78
MW-18R 1.70
MW-22R 0.13
MW-63 0.00
MW-27 3.35
MW-66 3.13
MW-32 2.90
MW-71 0.34
MW-26R 0.96
MW-62 4.18
MW-59 3.27
MW-61 1.02
MW-33 0.36
MW-92 0.00
MW-74 5.83
MW-73 3.62
MW-72 0.94
MW-83 0.00
MW-27 0.00
MW-24 0.00
MW-23 0.00
MW-25 0.00
MW-26 0.00
MW-27 0.00
MW-28 0.00
MW-22 0.00
MW-29 0.00
MW-20 0.00
MW-88 0.00
MW-87 0.00
MW-89 0.00
MW-89D 0.00
MW-72R 0.00
MW-07 0.00
MW-25D 0.00
MW-25 0.00
MW-92 0.00
MW-71 0.00
MW-93 0.00
MW-41 0.00
MW-69 0.00
MW-24 0.00
MW-23 0.00
MW-61 0.00
MW-61D 0.00
MW-55 0.51
MW-48 0.53
MW-37 0.79
MW-36 0.26
MW-35 2.54
MW-13 0.74
MW-38 1.27
MW-01 Dry
MW-02 0.00
MW-03 1.93
MW-81 2.84
MW-43 0.00
MW-80 1.81
MW-10 0.00
MW-42 Dry
MW-41 Dry
MW-44 Dry
MW-91DD 0.00
MW-91D 1.47
MW-90D 1.06
MW-90DD 0.00
MW-17 0.00
MW-08 DRY
MW-18 1.26
MW-34 1.27
MW-24 8.64
MW-70 1.63
MW-78 0.03
MW-77 2.57
MW-43 0.92

MW-56	
11/4/2021	
All Constituents	ND

MW-57D	
11/4/2021	
Lead	14.2

MW-57	
11/4/2021	
All Constituents	ND

MW-34	
11/3/2021	
All Constituents	ND

MW-33	
11/3/2021	
All Constituents	ND

MW-07D	
11/3/2021	
Benzene	**28.0**
Diisopropyl ether	15.3
Methyl-tert-butyl ether	6.9
Toluene	0.92
1,2,4-Trimethylbenzene	1.3
Xylene (Total)	9.0
m&p-Xylene	3.3
o-Xylene	5.7
C5 - C8 Aliphatics	151
VPH (Total)	176

MW-32	
11/3/2021	
All Constituents	ND

MW-97D	
11/3/2021	
All Constituents	ND

MW-94	
11/3/2021	
Lead	8.4
Bromodichloromethane	0.38J
Chloroform	2.3

MW-53	
11/3/2021	
All Constituents	ND

MW-35	
11/4/2021	
All Constituents	ND

MW-95	
11/4/2021	
Diisopropyl ether	2.1
Trichlorofluoromethane	0.51J

MW-07
Not Sampled (Free Product)

MW-05	
11/4/2021	
All Constituents	ND

MW-96	
11/4/2021	
All Constituents	ND

MW-27	
11/3/2021	
Lead	5
1,2,4-Trimethylbenzene	0.89
Xylene (Total)	1.51
m&p-Xylene	1
o-Xylene	0.51

MW-87	
11/3/2021	
Bromodichloromethane	0.5J
Chloroform	4.2

MW-54
Not Sampled (Free Product)

MW-37
Not Sampled (Free Product)

MW-26
Not Sampled

MW-06	
11/4/2021	
All Constituents	ND

MW-36	
11/4/2021	
Trichlorofluoromethane	0.4J

MW-03	
11/4/2021	
Toluene	6.4
Xylene (Total)	0.66
o-Xylene	0.66
C5 - C8 Aliphatics	**2110**
VPH (Total)	2120

MW-20	
11/3/2021	
Bromodichloromethane	**0.77**
Chloroform	4.2
Diisopropyl ether	0.64

MW-88	
11/3/2021	
Lead	**15.3**
Chloroform	1.1

MW-01	
11/4/2021	
All Constituents	ND

MW-22
Not Sampled

MW-63
Not Sampled (Free Product)

MW-02	
11/4/2021	
All Constituents	ND

MW-30	
11/4/2021	
All Constituents	ND

MW-36DR	
11/4/2021	
All Constituents	ND

MW-38
Not Sampled (Free Product)

MW-89	
11/3/2021	
Lead	**15.6**

MW-04	
11/4/2021	
All Constituents	ND

MW-90DD	
11/4/2021	
Benzene	**7.4**
Diisopropyl ether	3.7
Ethylbenzene	1
Methyl-tert-butyl ether	1.6
Toluene	12.6
Xylene (Total)	5.1
m&p-Xylene	3.4
o-Xylene	1.7
C5 - C8 Aliphatics	85.6
VPH (Total)	99.8

MW-18
Not Sampled (Free Product)

MW-25	
11/3/2021	
Lead	**20.4**
Benzene	**151**
Bromodichloromethane	0.39J
Chloroform	2.4
Diisopropyl ether	15.6
Ethylbenzene	6.1
Isopropylbenzene (Cumene)	1.2
Methyl-tert-butyl ether	0.69
Naphthalene	4.3
n-Propylbenzene	1.7
Toluene	177
1,2,4-Trimethylbenzene	22.2
1,3,5-Trimethylbenzene	6.1
Xylene (Total)	228.1
m&p-Xylene	142
o-Xylene	86.1
C5 - C8 Aliphatics	**1720**
C9 - C12 Aliphatics	450
C9 - C10 Aromatics	65.1
VPH (Total)	2230

MW-89D	
11/3/2021	
Chloroform	1.7

MW-04D	
11/4/2021	
All Constituents	ND

MW-09	
11/4/2021	
All Constituents	ND

MW-72
Not Sampled

MW-29
Not Sampled (Free Product)

MW-25D	
11/4/2021	
Diisopropyl ether	0.5J

MW-12	
11/4/2021	
All Constituents	ND

MW-58	
11/5/2021	
All Constituents	ND

MW-59D
Not Sampled (Dry)

MW-59	
11/4/2021	
Diisopropyl ether	0.48J

MW-48
Not Sampled (Free Product)

MW-24
Not Sampled (Free Product)

MW-90D
Not Sampled

MW-92	
11/3/2021	
All Constituents	ND

MW-52	
11/5/2021	
Benzene	**1050**
Diisopropyl ether	**125**
Methyl-tert-butyl ether	**25.1**
Naphthalene	**25.5**
Toluene	68.3
1,2,4-Trimethylbenzene	23.1
Xylene (Total)	269.2
m&p-Xylene	68.2
o-Xylene	201
C5 - C8 Aliphatics	**6630**
C9 - C12 Aliphatics	563
VPH (Total)	7310

MW-91D
Not Sampled

MW-71	
11/3/2021	
Benzene	**5.6**
Bromodichloromethane	0.32J
Chloroform	2.7
Diisopropyl ether	7.5
Toluene	3.2
Xylene (Total)	6.7
m&p-Xylene	3.8
o-Xylene	2.9
VPH (Total)	61.2

MW-93	
11/3/2021	
All Constituents	ND

MW-91DD	
11/5/2021	
Toluene	1.9
1,3,5-Trimethylbenzene	0.82
Xylene (Total)	2.8
o-Xylene	2.8

MW-41	
11/3/2021	
Lead	5.4
Benzene	**94.5**
Diisopropyl ether	21.4
Ethylbenzene	1.1
Methyl-tert-butyl ether	2.8
Naphthalene	1.6J
Toluene	57.3
1,2,4-Trimethylbenzene	6.3
Xylene (Total)	86
m&p-Xylene	46.2
o-Xylene	39.8
C5 - C8 Aliphatics	**876**
C9 - C12 Aliphatics	182
VPH (Total)	1070

MW-10
Not Sampled (Dry)

MW-69	
11/3/2021	
Lead	5.3
Bromodichloromethane	**1.3**
Chloroform	8.4

MW-15	
11/4/2021	
All Constituents	ND

MW-55
Not Sampled (Free Product)

MW-61D	
11/3/2021	
Bromodichloromethane	**1.3**
Chloroform	6.3

MW-43	
11/3/2021	
Trichlorofluoromethane	0.47J

MW-66	
11/1/2021	
Bromodichloromethane	**1.4**
Chloroform	5.7
Dibromochloromethane	0.39J

MW-61
Not Sampled (Free Product)

MW-75	
11/1/2021	
All Constituents	ND

MW-39
Not Sampled (Free Product)

MW-83	
11/5/2021	
All Constituents	ND

MW-85
Not Sampled (Free Product)

MW-19	
11/2/2021	
Benzene	**4220**
Diisopropyl ether	**278**
Ethylbenzene	559
Methyl-tert-butyl ether	**51.3**
Naphthalene	**91.1J**
Toluene	**5520**
1,2,4-Trimethylbenzene	305
Xylene (Total)	**3730**
m&p-Xylene	**2390**
o-Xylene	**1340**
C5 - C8 Aliphatics	**41900**
C9 - C12 Aliphatics	**7720**
C9 - C10 Aromatics	**1020**
VPH (Total)	50600

MW-42	
11/1/2021	
Chloroform	0.85

MW-11
Not Sampled (Free Product)

MW-64	
11/1/2021	
Chloroform	0.71

MW-17	
11/5/2021	
Chloroform	1.6

MW-40
Not Sampled (Free Product)

MW-68	
11/1/2021	
All Constituents	ND

MW-70	
10/4/2021	
Lead	4.9J

MW-28	
11/5/2021	
All Constituents	ND

MW-16	
11/5/2021	
All Constituents	ND

MW-78	
11/2/2021	
All Constituents	ND

MW-84	
11/2/2021	
Benzene	0.52
Toluene	0.98
Xylene (Total)	0.39J
o-Xylene	0.39J

MW-67	
11/1/2021	
All Constituents	ND

MW-45	
11/1/2021	
Lead	5.1

MW-13	
11/1/2021	
Lead	7.7
Chloroform	0.51

MW-16D	
11/5/2021	
Lead	5
Toluene	0.56

MW-23	
11/2/2021	
All Constituents	ND

MW-51	
11/1/2021	
Lead	5.1

MW-65	
11/1/2021	
Lead	**34.5**

MW-77	
11/2/2021	
All Constituents	ND

MW-47
Not Sampled (Free Product)

MW-49	
11/1/2021	
All Constituents	ND

MW-21	
11/2/2021	
Benzene	**10.2**
Diisopropyl ether	4
Ethylbenzene	0.34J
Methyl-tert-butyl ether	0.64
Toluene	5.1
1,2,4-Trimethylbenzene	1
Xylene (Total)	6.3
m&p-Xylene	2.4
o-Xylene	3.9
C5 - C8 Aliphatics	63.7
VPH (Total)	82.5

MW-50	
11/2/2021	
Benzene	**234**
Diisopropyl ether	16.9
Ethylbenzene	20.7
Isopropylbenzene (Cumene)	1.5
Methyl-tert-butyl ether	1.4
Naphthalene	**12**
n-Propylbenzene	2.4
Toluene	259
1,2,4-Trimethylbenzene	44.5
1,3,5-Trimethylbenzene	13.8
Xylene (Total)	477
m&p-Xylene	276
o-Xylene	201
C5 - C8 Aliphatics	**3260**
C9 - C12 Aliphatics	**1090**
C9 - C10 Aromatics	174
VPH (Total)	4520

MW-65D	
11/1/2021	
All Constituents	ND

MW-79	
11/2/2021	
All Constituents	ND

MW-14	
11/1/2021	
All Constituents	ND

MW-14D	
11/2/2021	
All Constituents	ND

MW-74	
11/1/2021	
All Constituents	ND

MW-79D	
11/2/2021	
Toluene	6.8

MW-46	
11/2/2021	
All Constituents	ND

MW-44	
11/2/2021	
Lead	6
Styrene	0.36J

MW-60	
11/2/2021	
All Constituents	ND

MW-76	
11/1/2021	
All Constituents	ND

MW-31	
11/2/2021	
All Constituents	ND

MW-73	
11/1/2021	
Lead	**16.4**

MW-08	
11/1/2021	
All Constituents	ND

MW-31D	
11/2/2021	
All Constituents	ND

MW-80	
11/2/2021	
All Constituents	ND

MW-62
Not Sampled

MW-86	
11/1/2021	
Lead	19.8

MW-81D	
11/2/2021	
All Constituents	ND

MW-81	
11/2/2021	
All Constituents	ND

MW-62D	
11/2/2021	
All Constituents	ND

MW-82	
11/2/2021	
All Constituents	ND

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Checked By:	--
Created By:	CW
Scale:	1 " = 65 FT
Date/Time:	11/30/2021; 09:04
Project No.:	CPC20126

Monitoring Well Sampling Results

Colonial Pipeline Company

2020-L1-SR2448

Huntersville, North Carolina

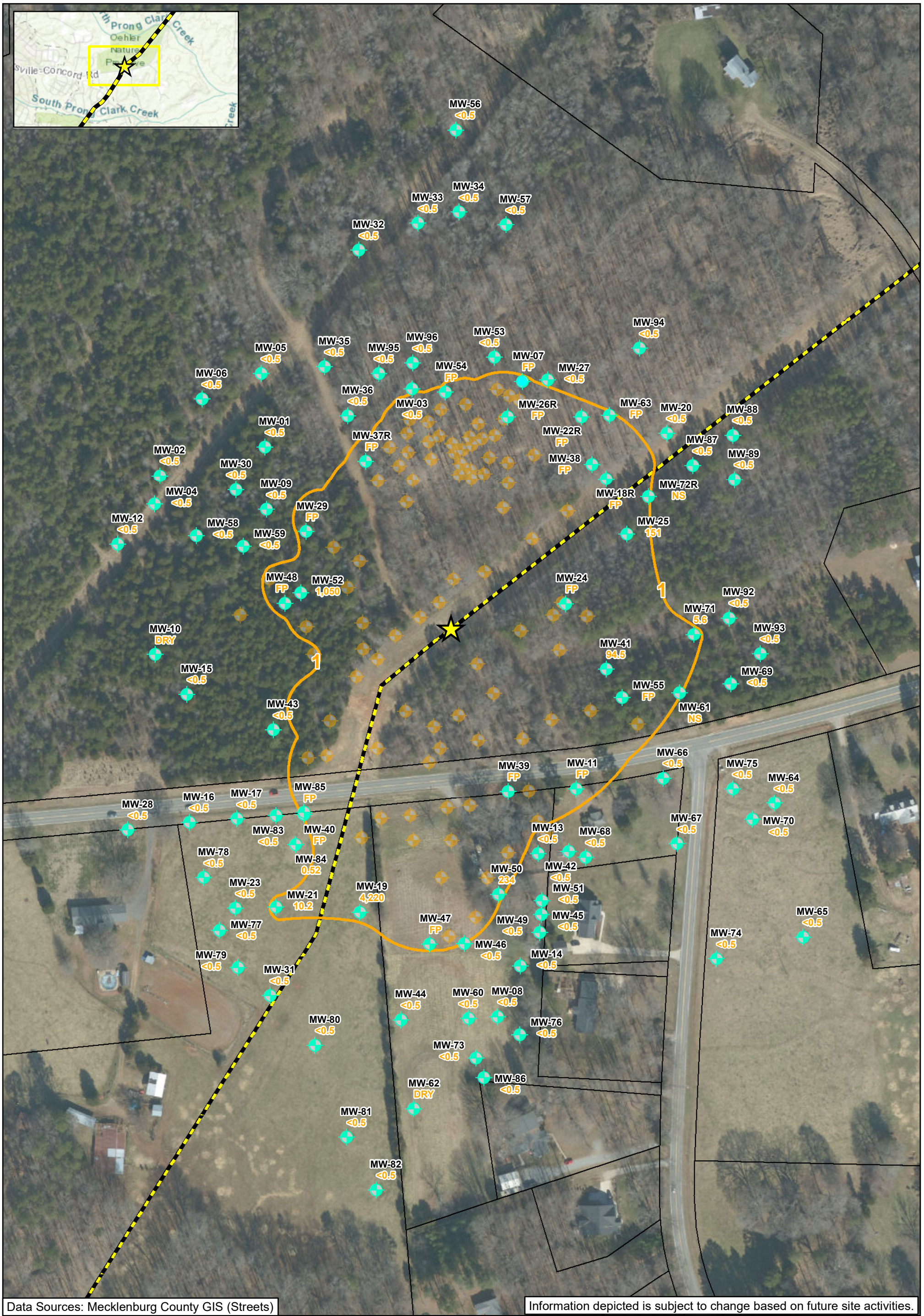
0 65 130 195 260 Feet

Release Site
Pipeline
Monitoring Well
Monitoring Well (Bedrock)
Recovery Well

Notes:
ND = Non-Detect
N/A = Not Applicable
J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
All units reported in µg/L.
µg/L = Micrograms per Liter
Detections in **Bold** indicate an exceedance of NCAC 2L standard.
Only laboratory detections are shown on this map.
See Table 5 for complete results.

APEX

FIGURE
8



Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:08
Project No.:	CPC20126

Benzene Isoconcentration Map
Surficial Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
1 Benzene Isocontour (Dashed where Inferred)
Recovery Well
Monitoring Well

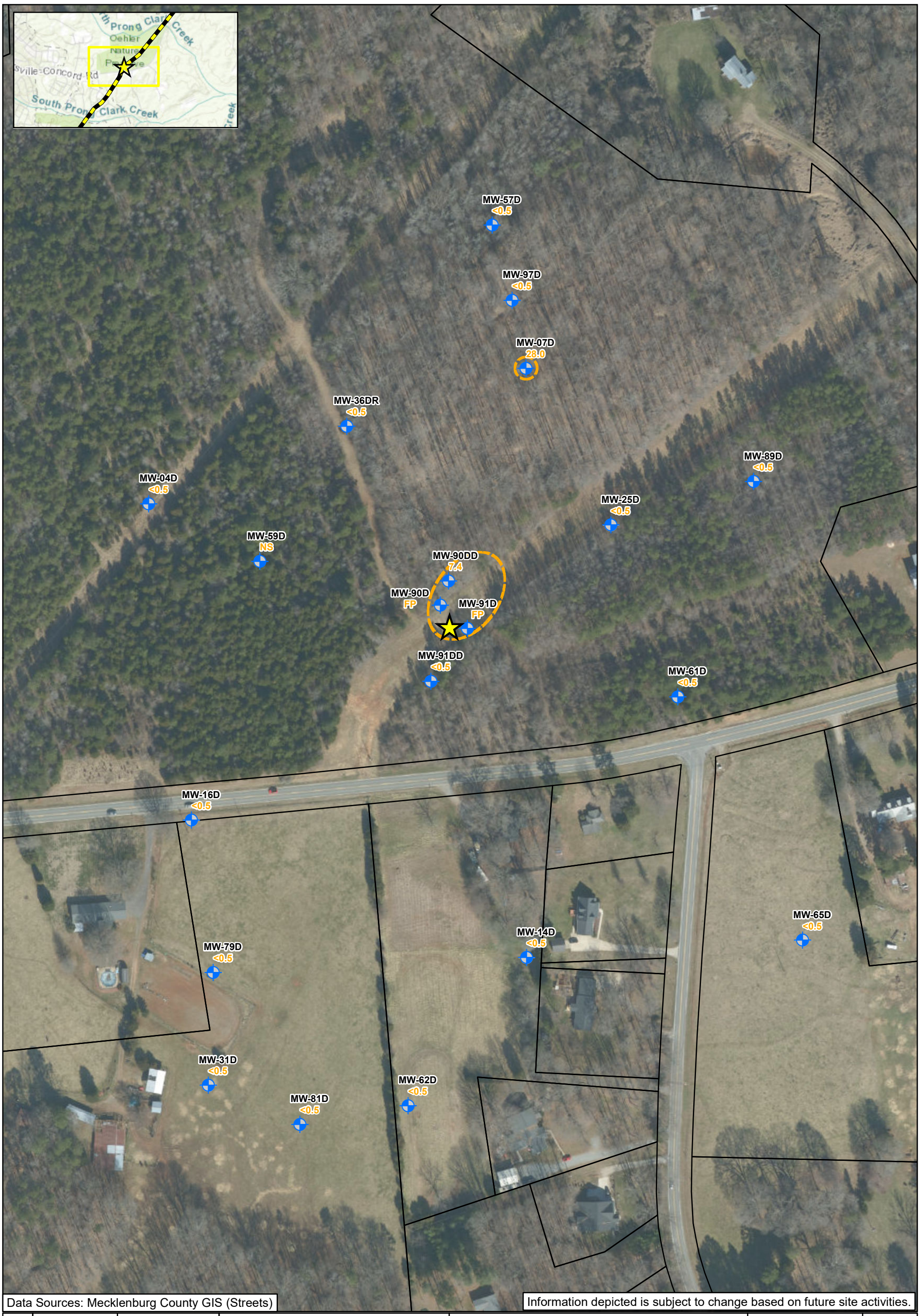
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
1100 Benzene Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for Benzene is 1 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-07 and MW-63 denoted (FP) due to LNAPL. MW-47, MW-61, and MW-72R denoted (NS) due to the presence of pumps

APEX

FIGURE 9A

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 9A-Benzene Isoconcentration Map - Surficial Unit_Portrait.mxd



Checked By:	AS
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Date/Time:	11/30/2021; 09:10
Project No.:	CPC20126

Benzene Isoconcentration Map
Bedrock Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
1 Benzene Isocontour (Dashed where Inferred)
Monitoring Well (Bedrock)

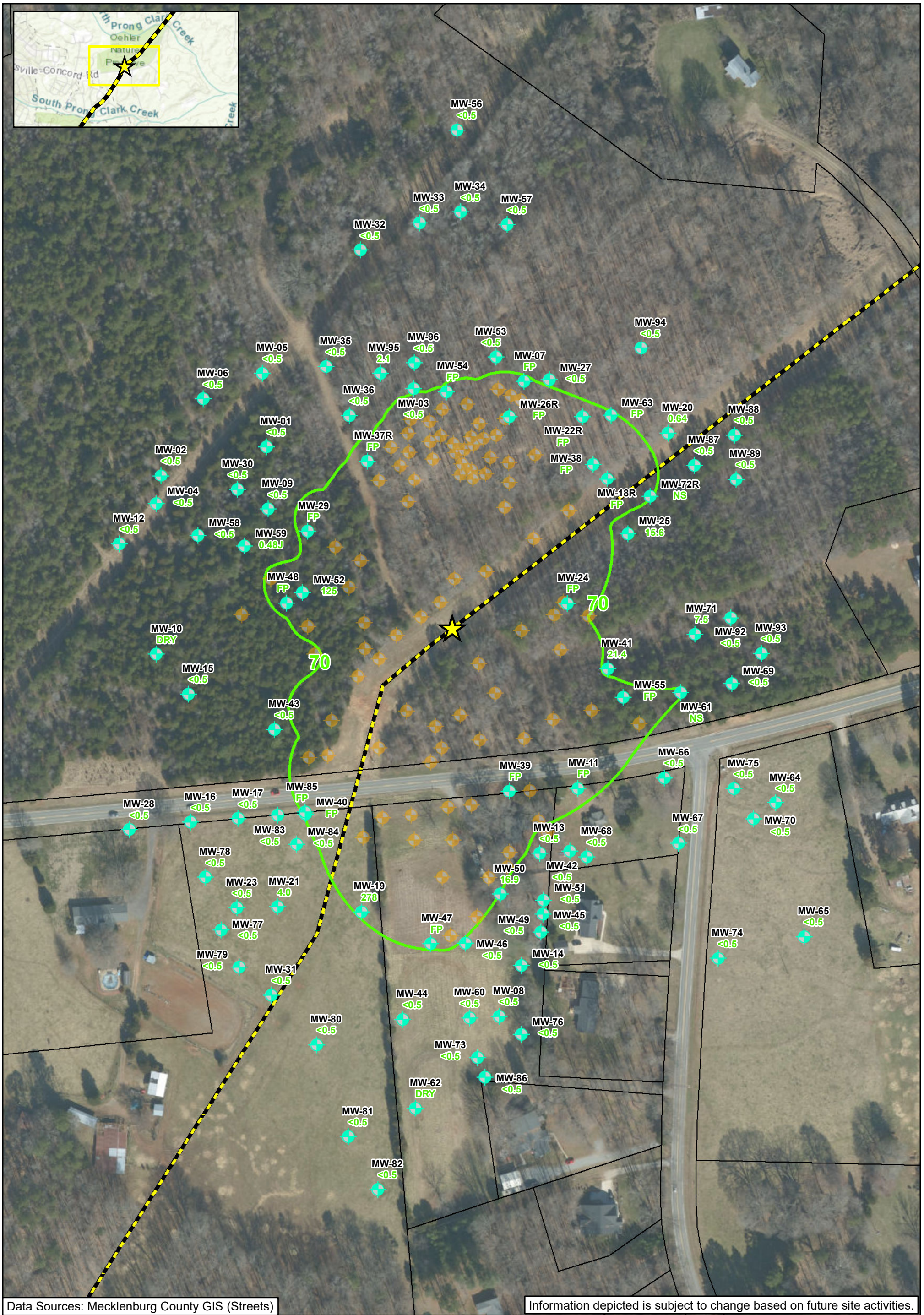
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
1100 Benzene Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for Benzene is 1 µg/L
Surficial Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-90DD was not used in contouring

APEX

FIGURE
9B

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 9B-Benzene Isoconcentration Map - Bedrock Unit_Portrait.mxd



Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:11
Project No.:	CPC20126

Diisopropyl Ether Isoconcentration Map
Surficial Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
70 Diisopropyl Ether Isocontour
Recovery Well
Monitoring Well

<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
140 Diisopropyl Ether Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for Diisopropyl Ether is 70 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-07 and MW-63 denoted (FP) due to LNAPL. MW-47, MW-61, and MW-72R denoted (NS) due to the presence of pumps

APEX

FIGURE 10A

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 10A-Diisopropyl Ether Isoconcentration Map - Surficial Unit_Portrait.mxd



Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:13
Project No.:	CPC20126

Diisopropyl Ether Isoconcentration Map
Bedrock Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
70 Diisopropyl Ether Isocontour
Monitoring Well (Bedrock)

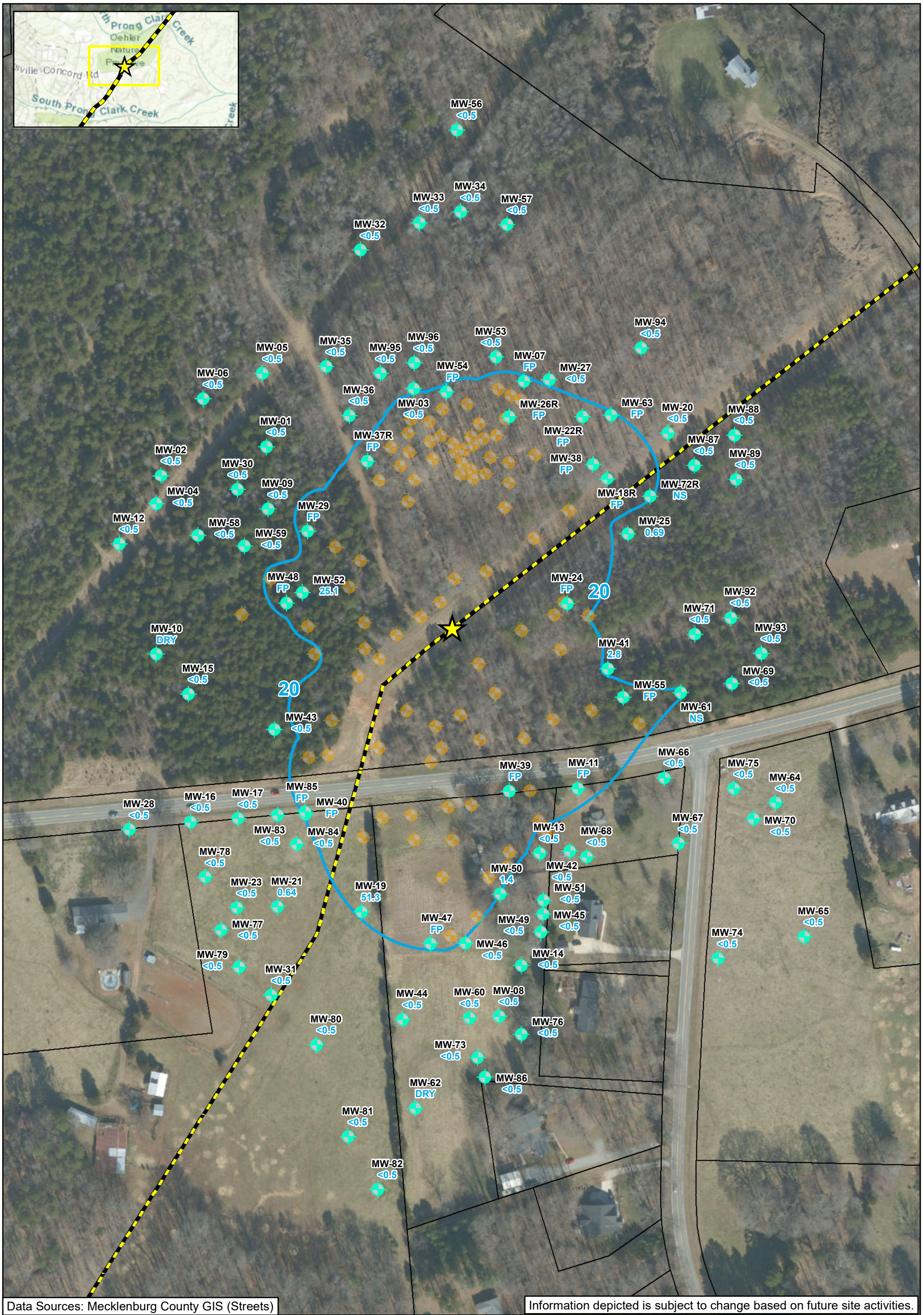
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
140 Diisopropyl Ether Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for Diisopropyl Ether is 70 µg/L
Surficial Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-90DD was not used in contouring

APEX

FIGURE
10B

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 10B-Diisopropyl Ether Isoconcentration Map - Bedrock Unit_Portrait.mxd



Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:15
Project No.:	CPC20126

Methyl-Tert Butyl Ether
Isoconcentration Map
Surficial Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site

Pipeline

20 Methyl-Tert Butyl Ether Isocontour

Recovery Well

Monitoring Well

<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit

27 Methyl-Tert Butyl Ether Concentration (µg/L)

FP = Free Product

NS = Not Sampled

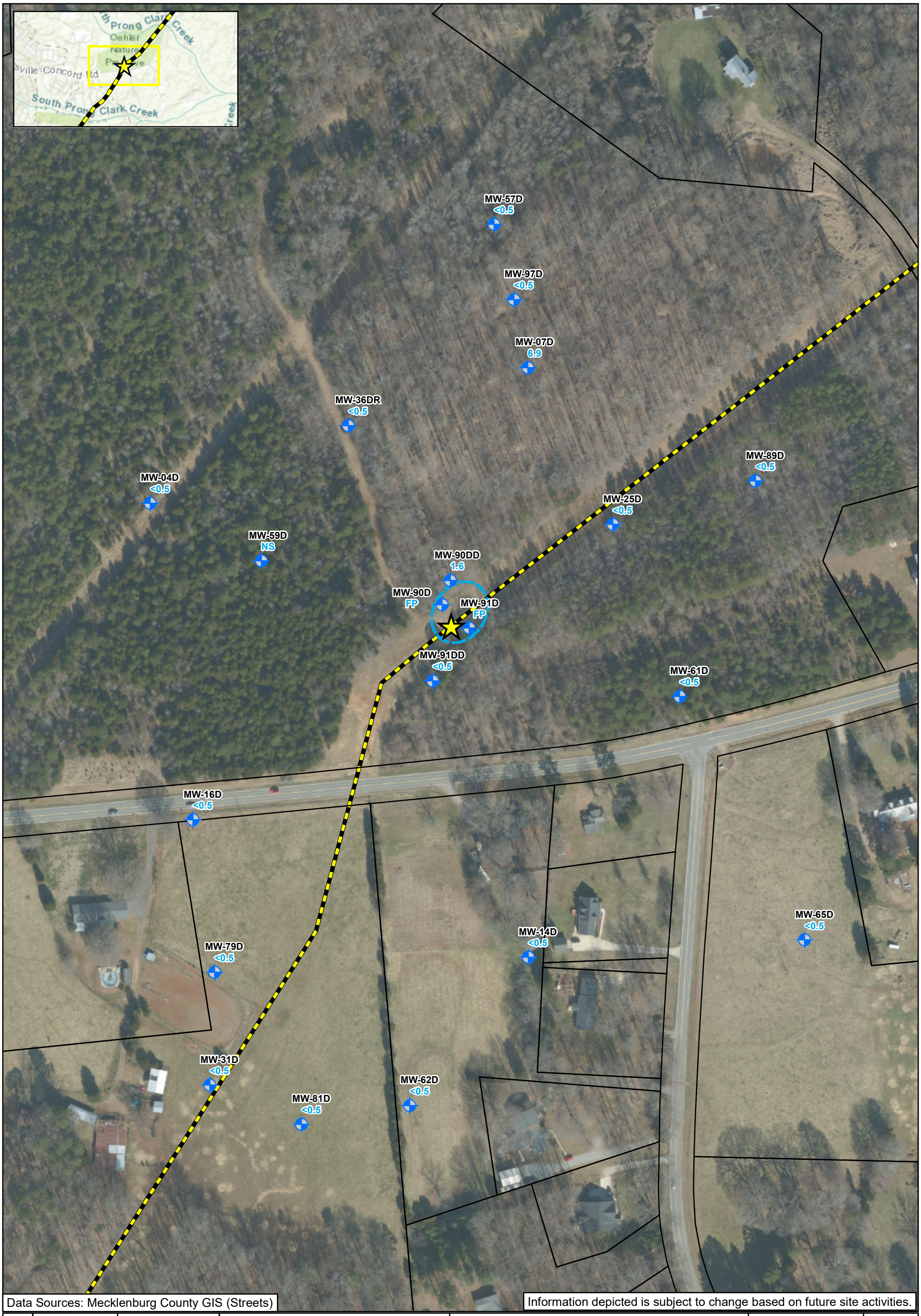
µg/L = Micrograms per Liter

NCDEQ 2L Standard for Methyl-Tert Butyl Ether is 20 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-07 and MW-63 denoted (FP) due to LNAPL. MW-47, MW-61, and MW-72R denoted (NS) due to the presence of pumps

APEX

FIGURE 11A

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 11A-MTBE Isoconcentration Map - Surficial Unit_Portrait.mxd



Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:16
Project No.:	CPC20126

Methyl-Tert Butyl Ether
Isoconcentration Map
Bedrock Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site

Pipeline

20 Methyl-Tert Butyl Ether Isocontour

Monitoring Well (Bedrock)

<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit

27 Methyl-Tert Butyl Ether Concentration (µg/L)

FP = Free Product

NS = Not Sampled

µg/L = Micrograms per Liter

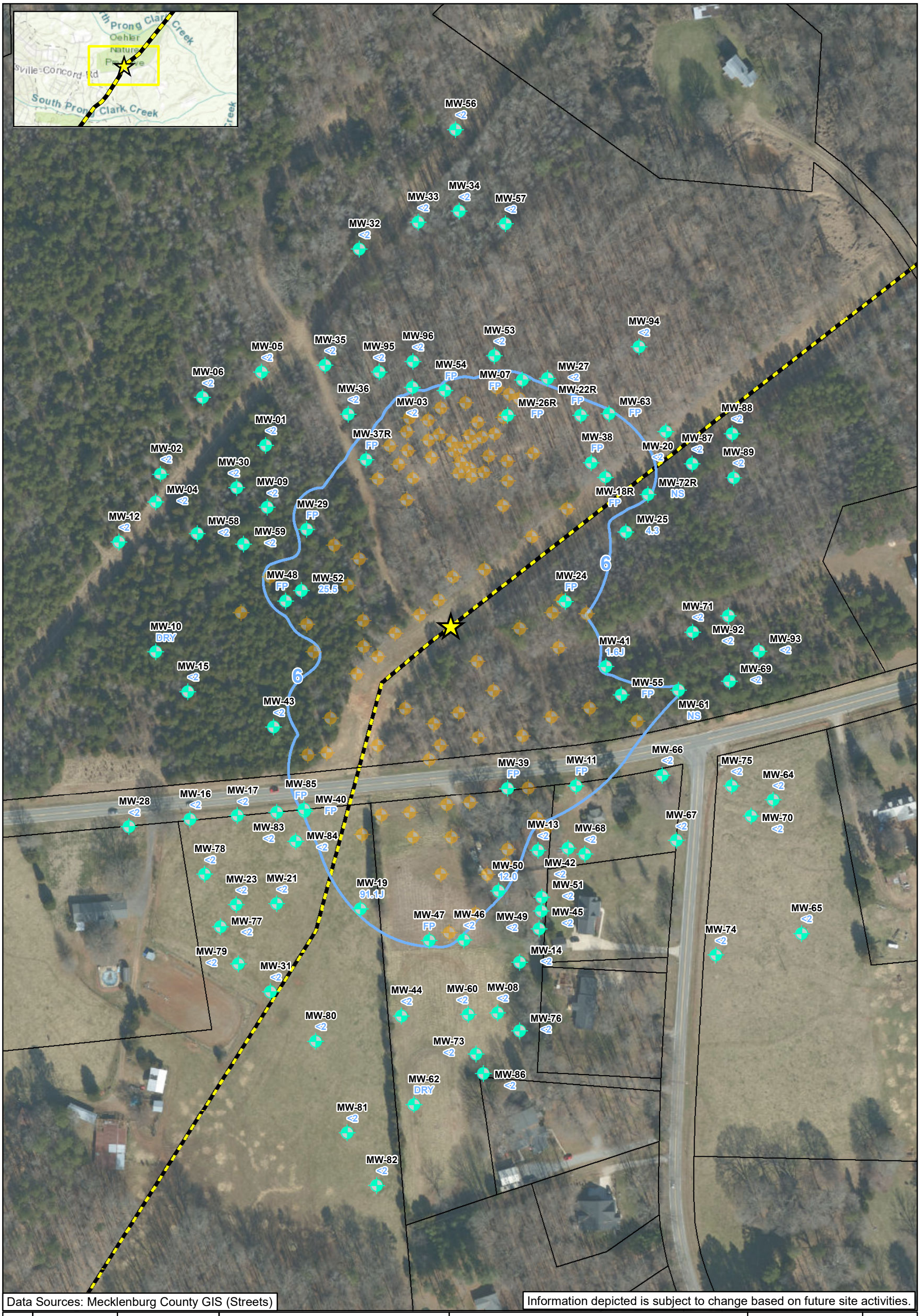
NCDEQ 2L Standard for Methyl-Tert Butyl Ether is 20 µg/L
Surficial Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

APEX

FIGURE

11B

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 11B-MTBE Isoconcentration Map - Bedrock Unit_Portrait.mxd



Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:18
Project No.:	CPC20126

Naphthalene Isoconcentration Map
Surficial Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

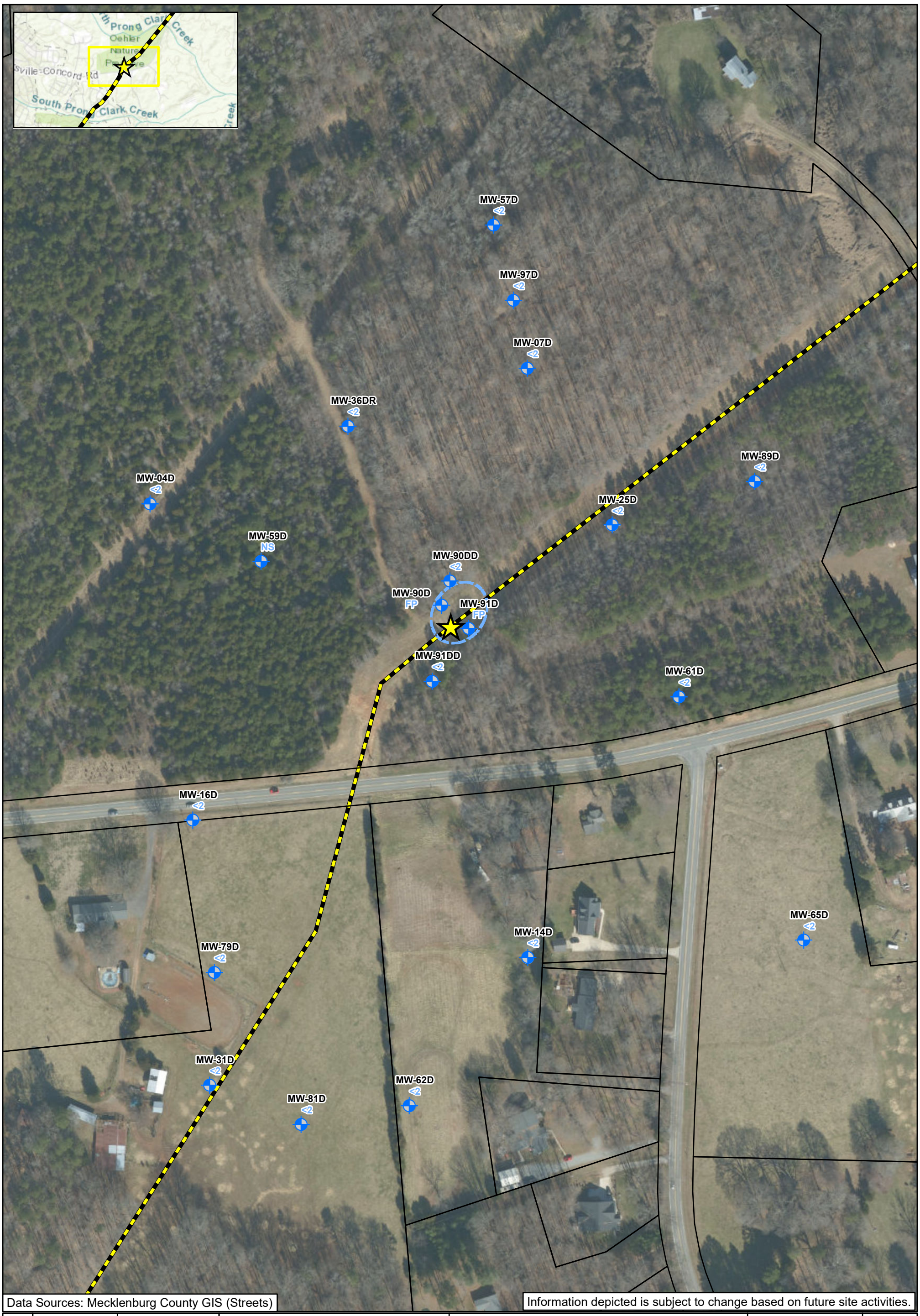
Release Site
Pipeline
6 Napthalene Isocontour
Recovery Well
Monitoring Well
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
20 Naphthalene Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for Naphthalene is 6 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-07 and MW-63 denoted (FP) due to LNAPL. MW-47, MW-61, and MW-72R denoted (NS) due to the presence of pumps

APEX

FIGURE
12A

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 12A-Naphthalene Isoconcentration Map - Surficial Unit_Portrait.mxd



Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:29
Project No.:	CPC20126

Naphthalene Isoconcentration Map
Bedrock Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
6 Napthalene Isocontour
Monitoring Well (Bedrock)

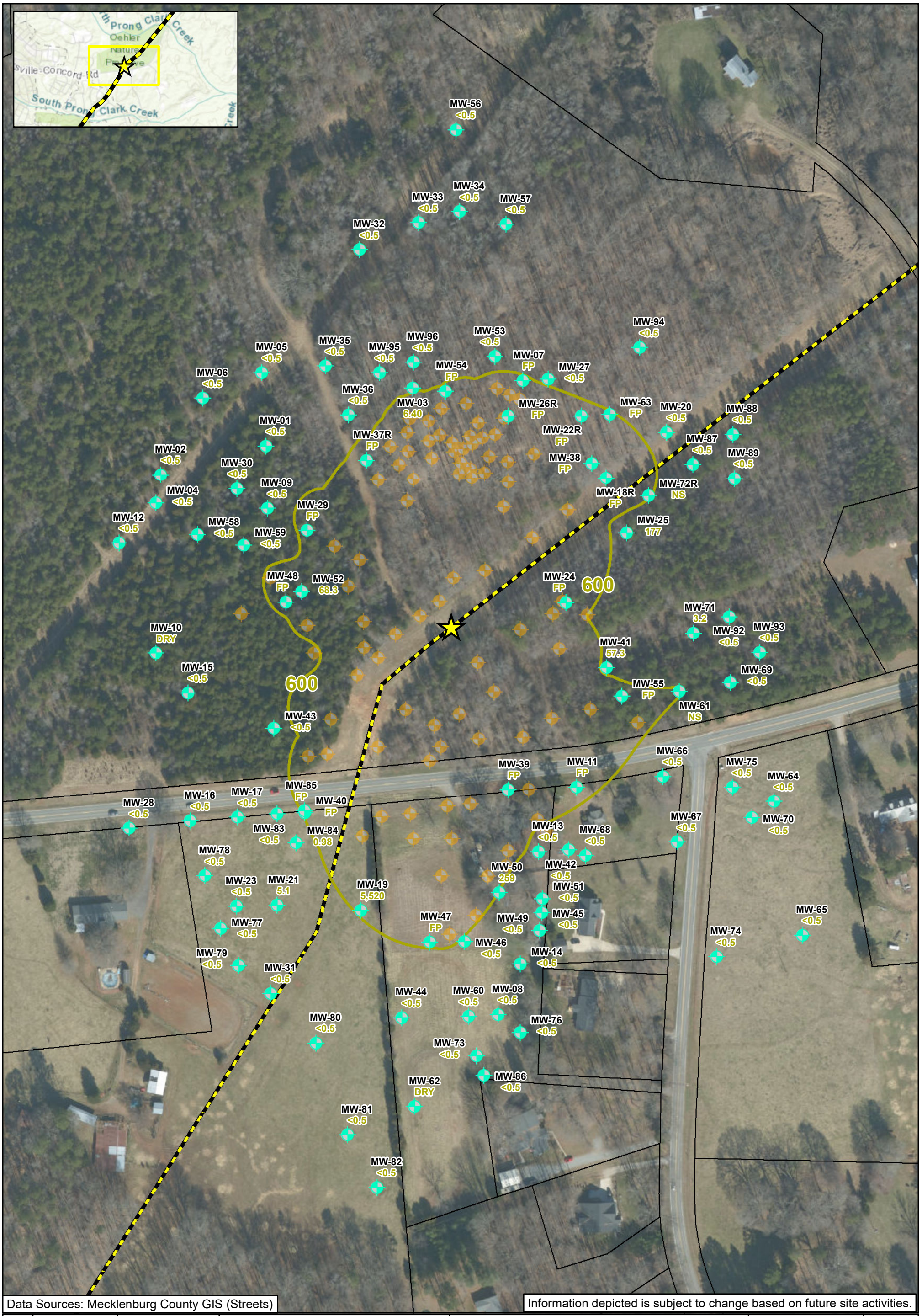
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
20 Naphthalene Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for Naphthalene is 6 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-90DD was not used in contouring

APEX

FIGURE 12B

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 12B-Naphthalene Isoconcentration Map - Bedrock Unit_Portrait.mxd



Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:30
Project No.:	CPC20126

Toluene Isoconcentration Map
Surficial Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
600 Toluene Isocontour
Recovery Well
Monitoring Well

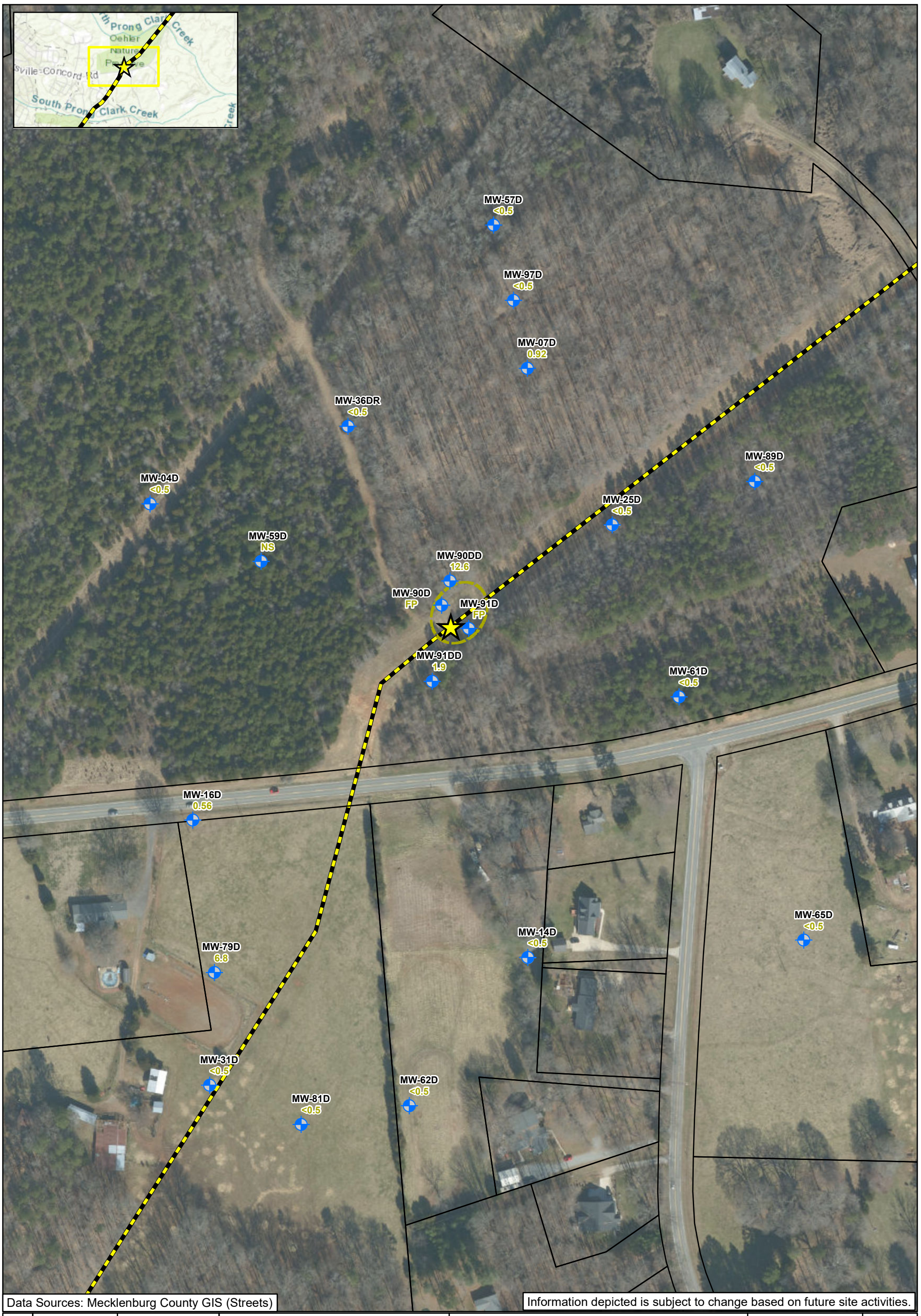
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
110 Toluene Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for,Toluene is 600 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-07 and MW-63 denoted (FP) due to LNAPL. MW-47, MW-61, and MW-72R denoted (NS) due to the presence of pumps

APEX

FIGURE
13A

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 13A-Toluene Isoconcentration Map - Surficial Unit_Portrait.mxd



Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:32
Project No.:	CPC20126

Toluene Isoconcentration Map
Bedrock Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
600 Toluene Isocontour
Monitoring Well (Bedrock)

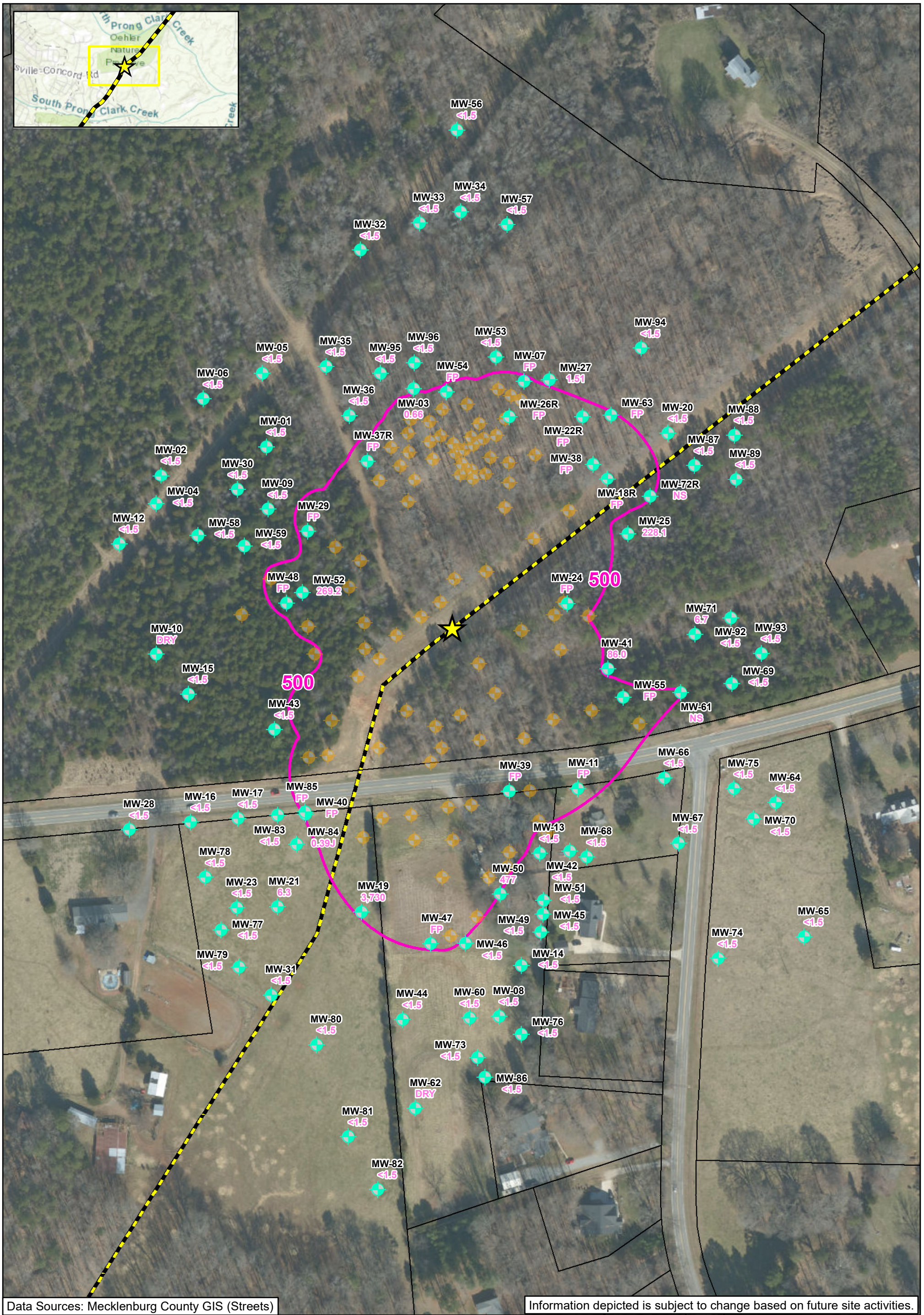
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
110 Toluene Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for Toluene is 600 µg/L
Surficial Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-90DD was not used in contouring

APEX

FIGURE
13B

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 13B-Toluene Isoconcentration Map - Bedrock Unit_Portrait.mxd



Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:33
Project No.:	CPC20126

Total Xylenes Isoconcentration Map
Surficial Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
−500− Total Xylenes Isocontour
Recovery Well
Monitoring Well

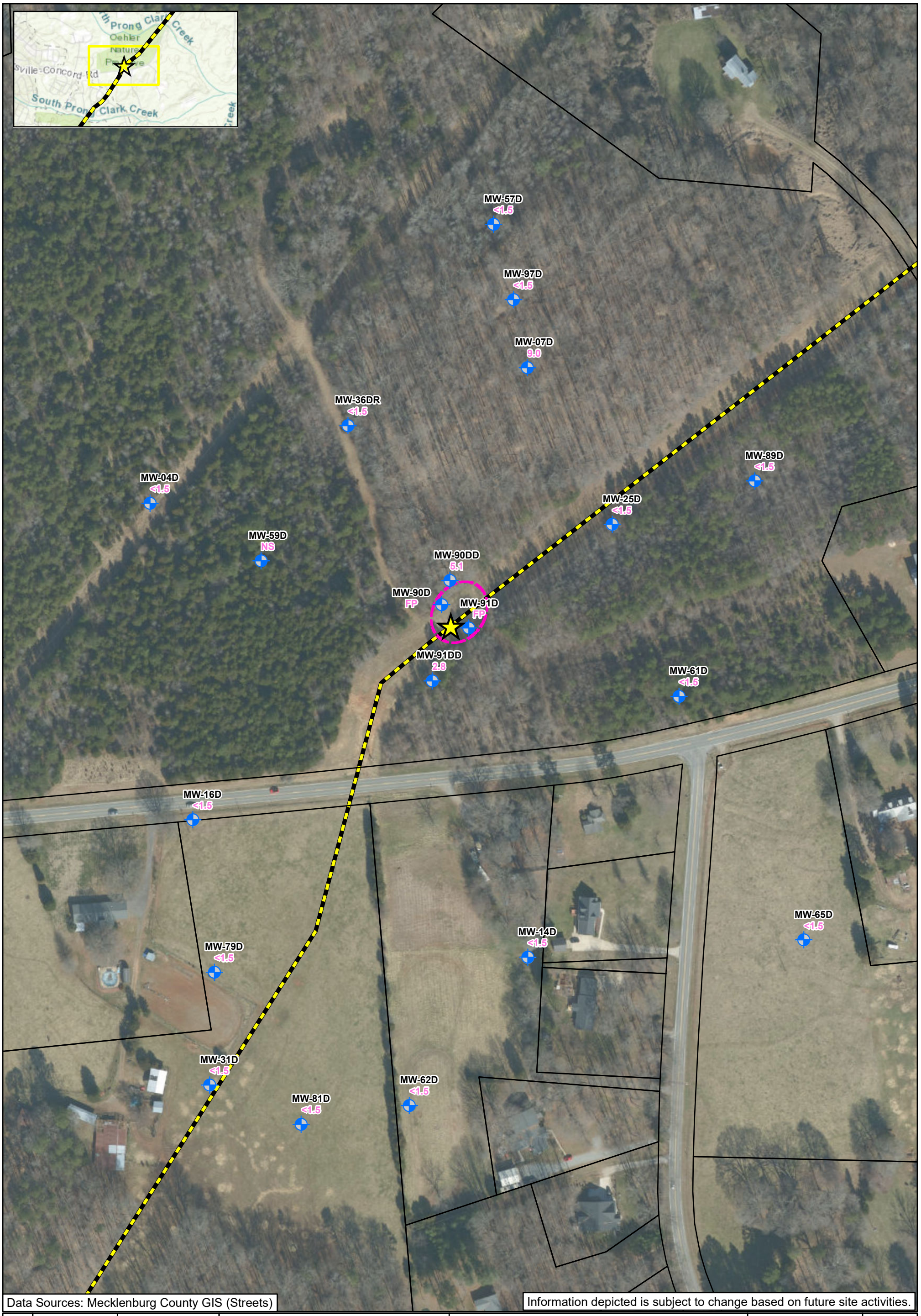
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
265 Total Xylenes Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for Xylenes is 500 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-07 and MW-63 denoted (FP) due to LNAPL. MW-47, MW-61, and MW-72R denoted (NS) due to the presence of pumps

APEX

FIGURE
14A

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 14A-Total Xylenes Isoconcentration Map - Surficial Unit_Portrait.mxd



Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:34
Project No.:	CPC20126

Total Xylenes Isoconcentration Map
Bedrock Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
−500− Total Xylenes Isocontour
Monitoring Well (Bedrock)

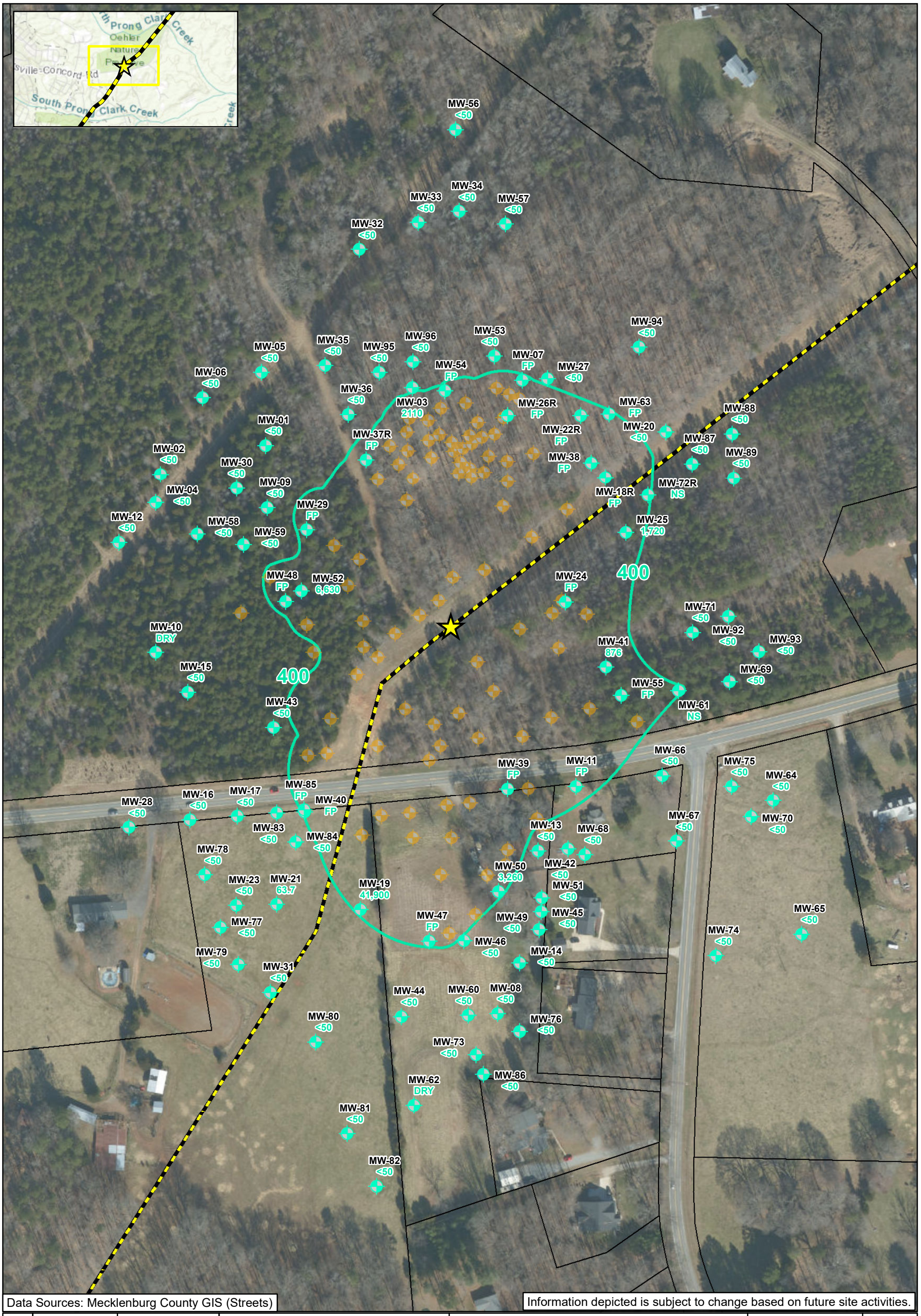
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
265 Total Xylenes Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for Xylenes is 500 µg/L
Surficial Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-90DD was not used in contouring

APEX

FIGURE
14B

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 14B-Total Xylenes Isoconcentration Map - Bedrock Unit_Portrait.mxd



Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:37
Project No.:	CPC20126

C5-C8 Aliphatics Isoconcentration Map
Surficial Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

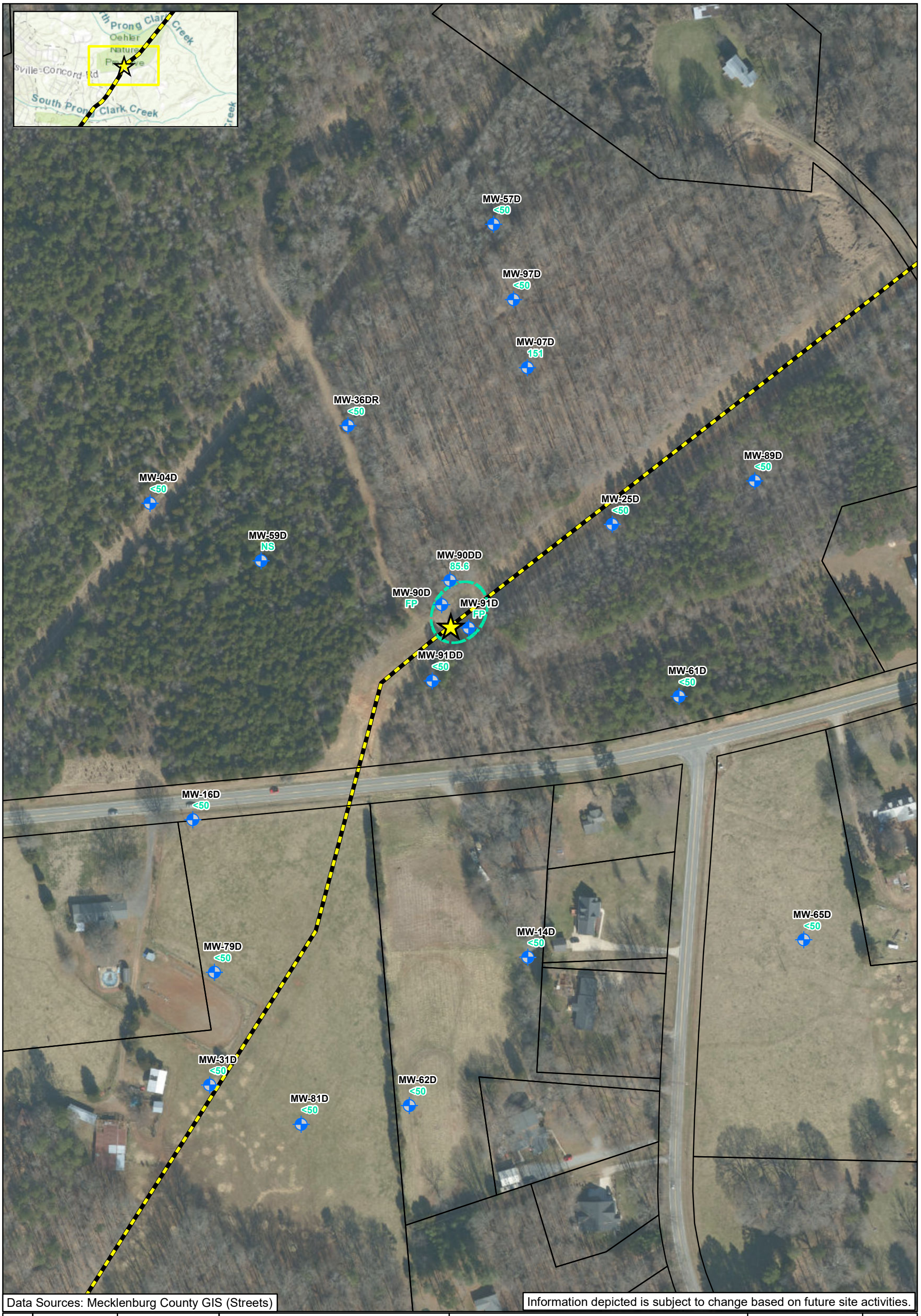
Release Site
Pipeline
400 C5-C8 Aliphatics Isocontour (Dashed where Inferred)
Recovery Well
Monitoring Well
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
4100 C5-C8 Aliphatics Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for C5-C8 Aliphatics is 400 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-07 and MW-63 denoted (FP) due to LNAPL. MW-47, MW-61, and MW-72R denoted (NS) due to the presence of pumps

APEX

FIGURE 15A

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 15A-C5-C8 Aliphatics Isoconcentration Map - Surficial Unit_Portrait.mxd



Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:38
Project No.:	CPC20126

C5-C8 Aliphatics Isoconcentration Map
Bedrock Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
−400− C5-C8 Aliphatics Isocontour (Dashed where Inferred)
Monitoring Well (Bedrock)

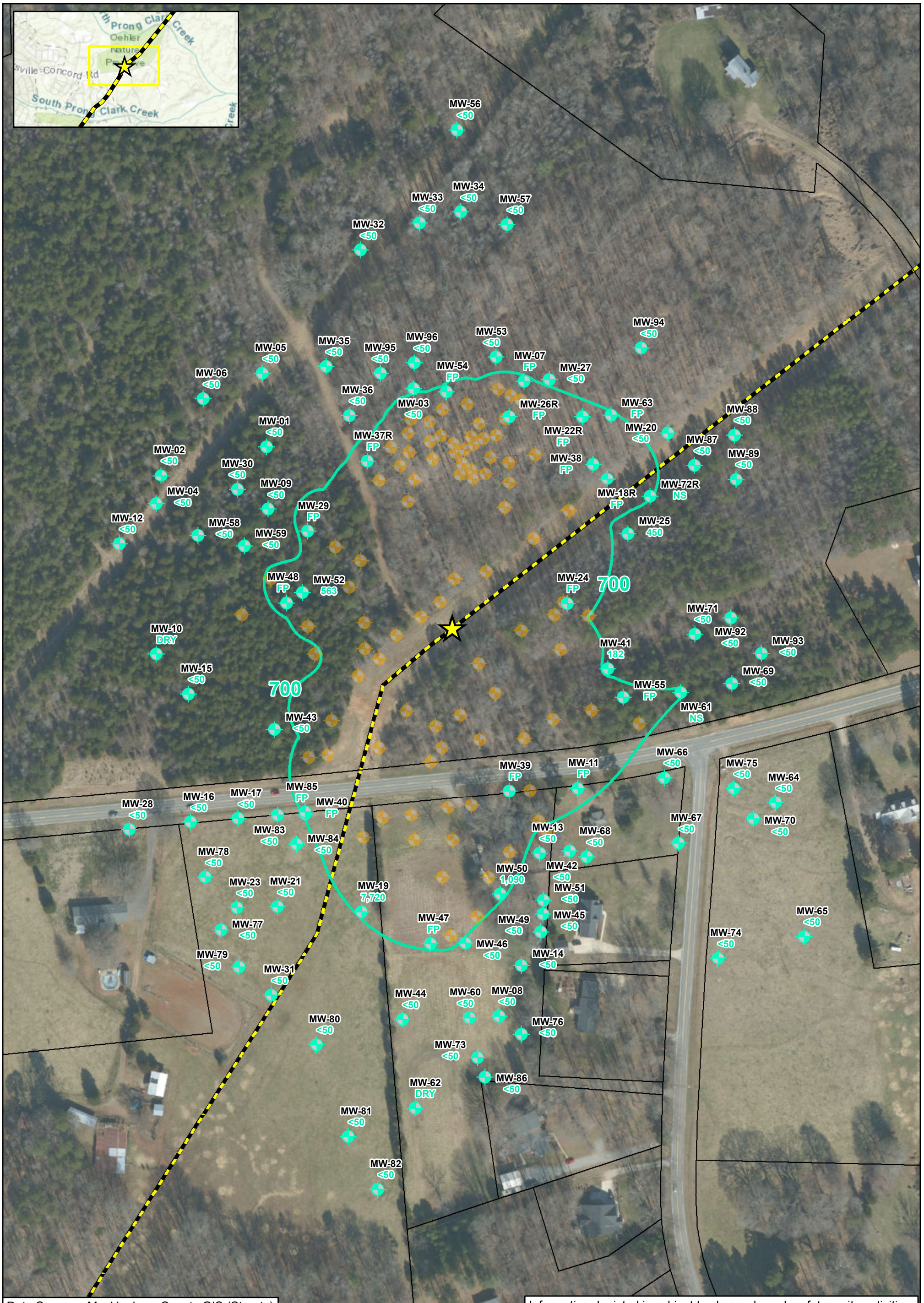
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
4100 C5-C8 Aliphatics Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for C5-C8 Aliphatics is 400 µg/L
Surficial Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-90DD was not used in contouring

APEX

FIGURE
15B

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 15B-C5-C8 Aliphatics Isoconcentration Map - Bedrock Unit_Portrait.mxd



Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:41
Project No.:	CPC20126

C9-C12 Aliphatics Isoconcentration Map
Surficial Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

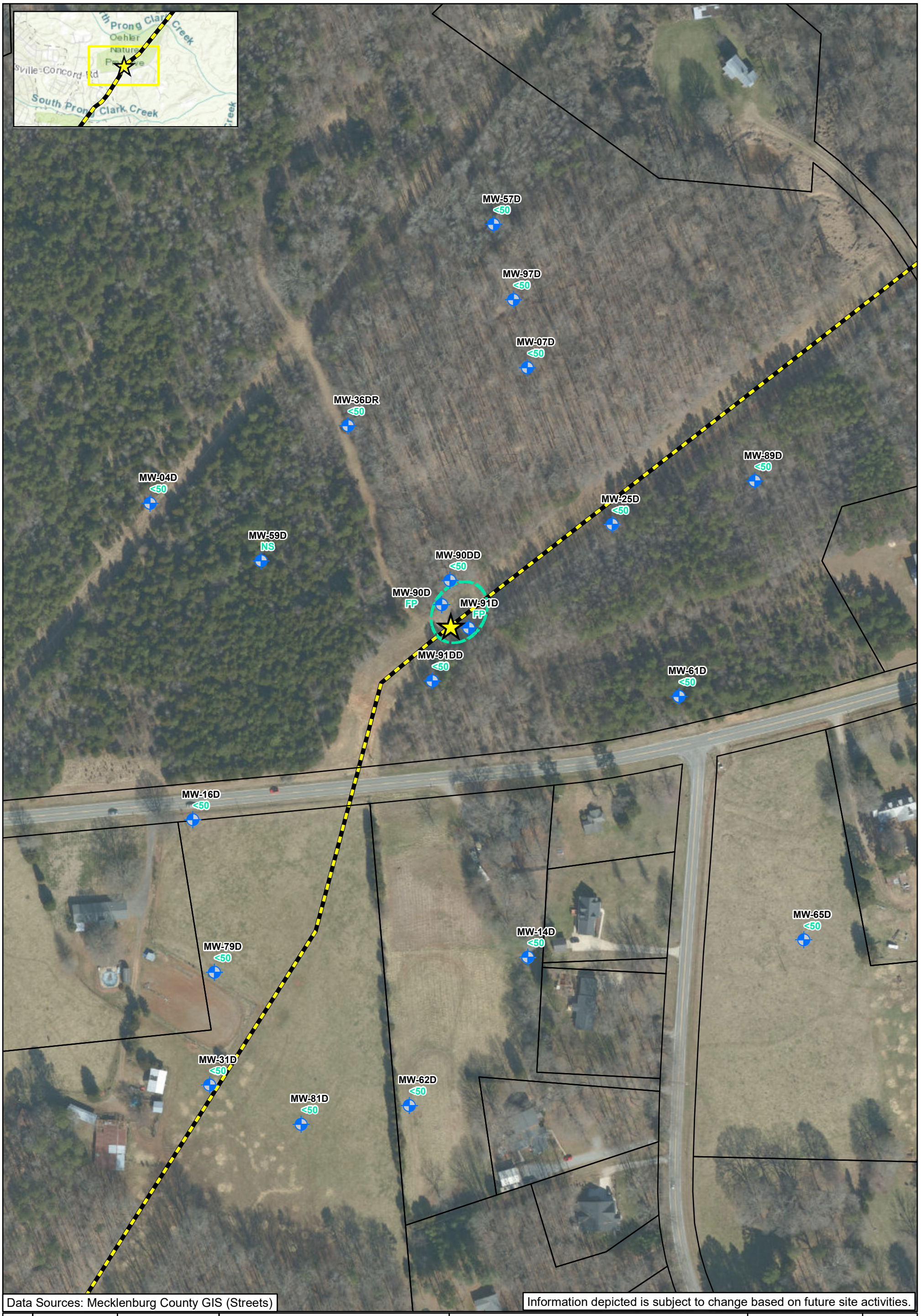
Release Site
Pipeline
700 C9-C12 Aliphatics Isocontour (Dashed where Inferred)
Recovery Well
Monitoring Well
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
3360 C9-C12 Aliphatics Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for C9-C12 Aliphatics is 700 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-07 and MW-63 denoted (FP) due to LNAPL. MW-47, MW-61, and MW-72R denoted (NS) due to the presence of pumps

APEX

FIGURE 16A

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 16A-C9-C12 Aliphatics Isoconcentration Map - Surficial Unit_Portrait.mxd



Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:44
Project No.:	CPC20126

C9-C12 Aliphatics Isoconcentration Map
Bedrock Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
700 C9-C12 Aliphatics Isocontour (Dashed where Inferred)
Monitoring Well (Bedrock)

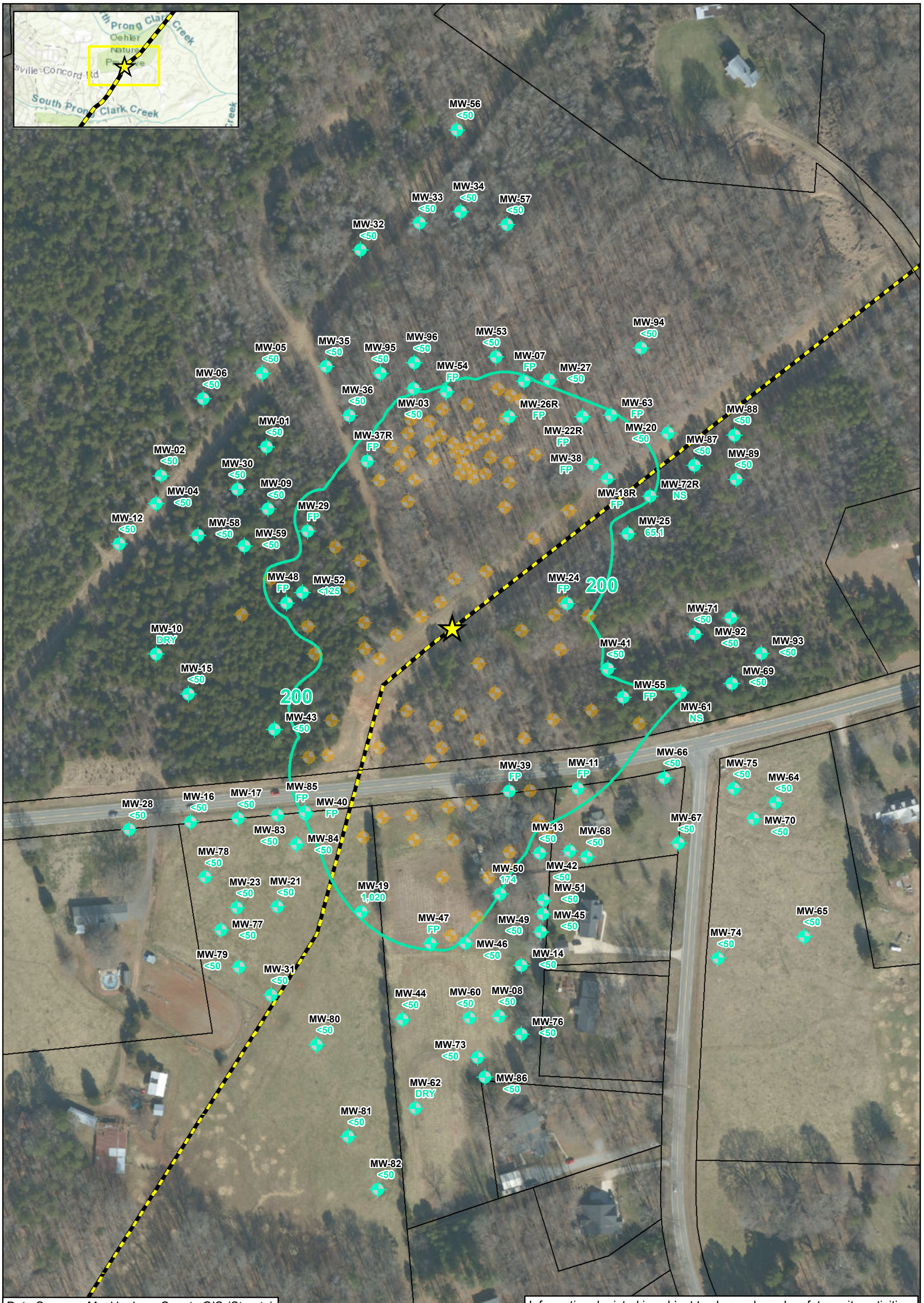
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
3360 C9-C12 Aliphatics Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for C9-C12 Aliphatics is 700 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-90DD was not used in contouring

APEX

FIGURE
16B

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 16B-C9-C12 Aliphatics Isoconcentration Map - Bedrock Unit_Portrait.mxd



Data Sources: Mecklenburg County GIS (Streets)

Information depicted is subject to change based on future site activities.

Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:45
Project No.:	CPC20126

C9-C10 Aromatics Isoconcentration Map
Surficial Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
200 C9-C10 Aromatics Isocontour (Dashed where Inferred)
Recovery Well
Monitoring Well

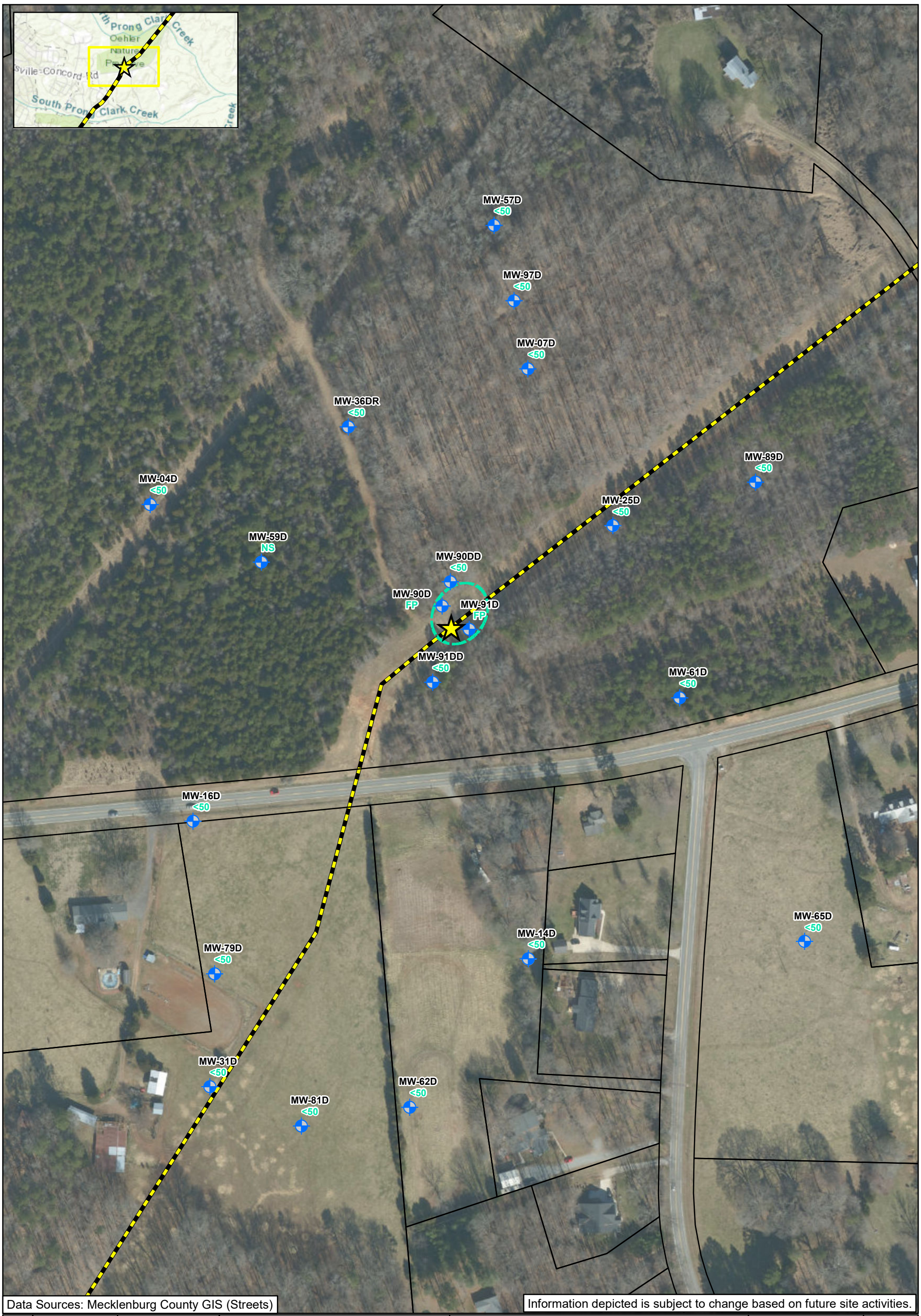
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
3360 C9-C10 Aromatics Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for C9-C10 Aromatics is 200 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-07 and MW-63 denoted (FP) due to LNAPL. MW-47, MW-61, and MW-72R denoted (NS) due to the presence of pumps

APEX

FIGURE
17A

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 17A-C9-C10 Aromatics Isoconcentration Map - Surficial Unit_Portait.mxd



Checked By:	AS
Created By:	CW
Scale:	1 " = 150 FT
Date/Time:	11/30/2021; 09:46
Project No.:	CPC20126

C9-C10 Aromatics Isoconcentration Map
Bedrock Unit
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 Feet

Release Site
Pipeline
200 C9-C10 Aromatics Isocontour (Dashed where Inferred)
Monitoring Well (Bedrock)

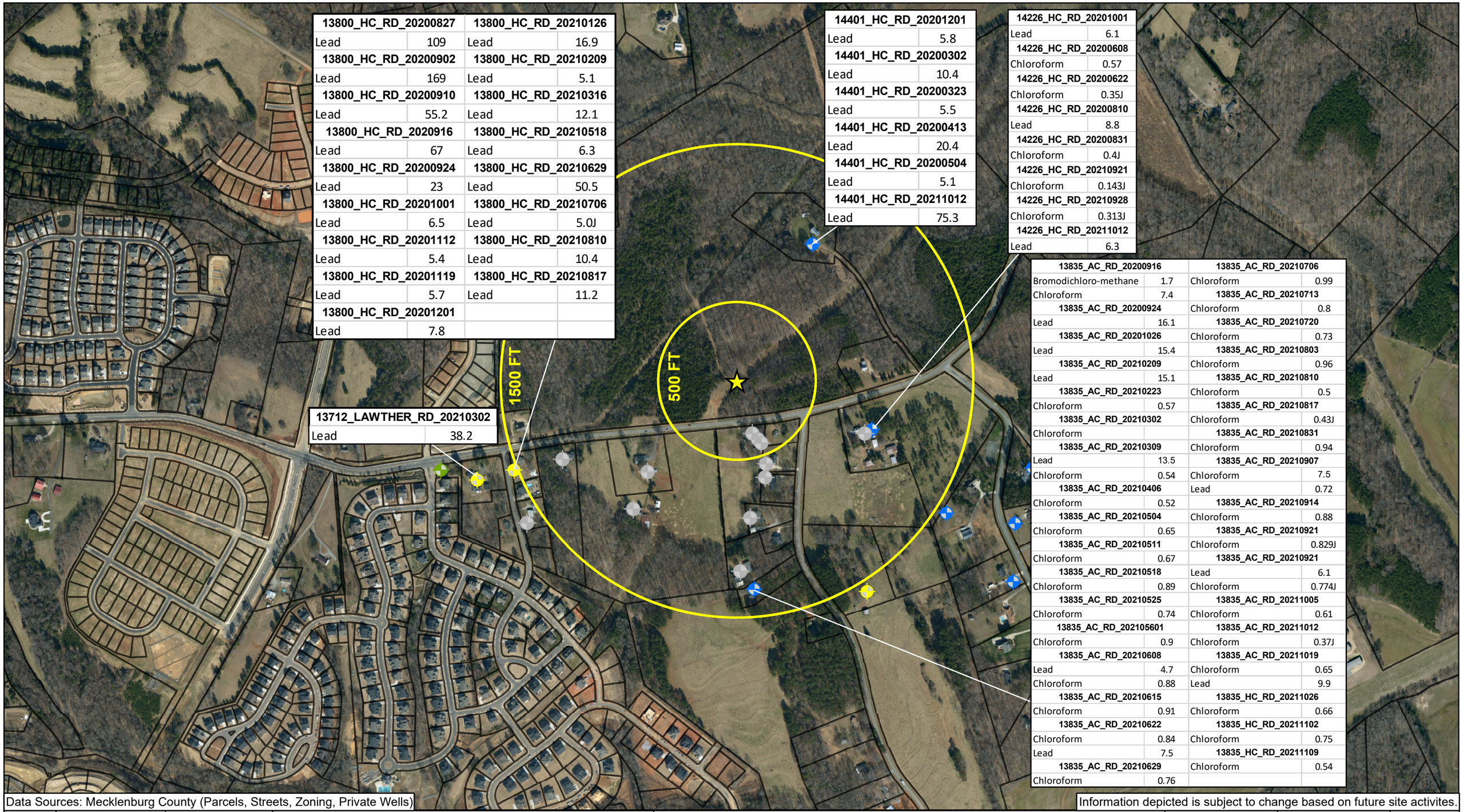
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
3360 C9-C10 Aromatics Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

NCDEQ 2L Standard for C9-C10 Aromatics is 200 µg/L
Bedrock Wells Not Used For Contouring
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MW-90DD was not used in contouring

APEX

FIGURE
17B

Document Path: E:\Apex\Huntersville\Figures\MXDs\Figure 17B-C9-C10 Aromatics Isoconcentration Map - Bedrock Unit_Portait.mxd



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13800_HC_RD_20200902		**13800_HC_RD_20210209**	
Lead	169	Lead	5.1
13800_HC_RD_20200910		**13800_HC_RD_20210316**	
Lead	55.2	Lead	12.1
13800_HC_RD_2020916		**13800_HC_RD_20210518**	
Lead	67	Lead	6.3
13800_HC_RD_20200924		**13800_HC_RD_20210629**	
Lead	23	Lead	50.5
13800_HC_RD_20201001		**13800_HC_RD_20210706**	
Lead	6.5	Lead	5.0J
13800_HC_RD_20201112		**13800_HC_RD_20210810**	
Lead	5.4	Lead	10.4
13800_HC_RD_20201119		**13800_HC_RD_20210817**	
Lead	5.7	Lead	11.2
13800_HC_RD_20201201			
Lead	7.8		

13712_LAWTHER_RD_20210302	
Lead	38.2

14401_HC_RD_20201201	
Lead	5.8
14401_HC_RD_20200302	
Lead	10.4
14401_HC_RD_20200323	
Lead	5.5
14401_HC_RD_20200413	
Lead	20.4
14401_HC_RD_20200504	
Lead	5.1
14401_HC_RD_20211012	
Lead	75.3

14226_HC_RD_20201001	
Lead	6.1
14226_HC_RD_20200608	
Chloroform	0.57
14226_HC_RD_20200622	
Chloroform	0.35J
14226_HC_RD_20200810	
Lead	8.8
14226_HC_RD_20200831	
Chloroform	0.4J
14226_HC_RD_20210921	
Chloroform	0.143J
14226_HC_RD_20210928	
Chloroform	0.313J
14226_HC_RD_20211012	
Lead	6.3

13835_AC_RD_20200916		13835_AC_RD_20210706	
Bromodichloro-methane	1.7	Chloroform	0.99
Chloroform	7.4	**13835_AC_RD_20210713**	
13835_AC_RD_20200924		Chloroform	0.8
Lead	16.1	**13835_AC_RD_20210720**	
13835_AC_RD_20201026		Chloroform	0.73
Lead	15.4	**13835_AC_RD_20210803**	
13835_AC_RD_20210209		Chloroform	0.96
Lead	15.1	**13835_AC_RD_20210810**	
13835_AC_RD_20210223		Chloroform	0.5
Chloroform	0.57	**13835_AC_RD_20210817**	
13835_AC_RD_20210302		Chloroform	0.43J
Chloroform		**13835_AC_RD_20210831**	
13835_AC_RD_20210309		Chloroform	0.94
Lead	13.5	**13835_AC_RD_20210907**	
Chloroform	0.54	Chloroform	7.5
13835_AC_RD_20210406		Lead	0.72
Chloroform	0.52	**13835_AC_RD_20210914**	
13835_AC_RD_20210504		Chloroform	0.88
Chloroform	0.65	**13835_AC_RD_20210921**	
13835_AC_RD_20210511		Chloroform	0.829J
Chloroform	0.67	**13835_AC_RD_20210921**	
13835_AC_RD_20210518		Lead	6.1
Chloroform	0.89	Chloroform	0.774J
13835_AC_RD_20210525		**13835_AC_RD_20211005**	
Chloroform	0.74	Chloroform	0.61
13835_AC_RD_202105601		**13835_AC_RD_20211012**	
Chloroform	0.9	Chloroform	0.37J
13835_AC_RD_20210608		**13835_AC_RD_20211019**	
Lead	4.7	Chloroform	0.65
Chloroform	0.88	Lead	9.9
13835_AC_RD_20210615		**13835_HC_RD_20211026**	
Chloroform	0.91	Chloroform	0.66
13835_AC_RD_20210622		**13835_HC_RD_20211102**	
Chloroform	0.84	Chloroform	0.75
Lead	7.5	**13835_HC_RD_20211109**	
13835_AC_RD_20210629		Chloroform	0.54
Chloroform	0.76		

Data Sources: Mecklenburg County (Parcels, Streets, Zoning, Private Wells)

Information depicted is subject to change based on future site activites.

Checked By:	JM
Created By:	CW
Scale:	1 " = 550 FT
Created On:	11/22/2021; 07:50
Project No.:	CPC20126

Water Supply Well Sampling Results (Detections Only)
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 550 1,100 1,650 Feet

Sampled Water Supply Wells:

- Release Site
- Parcel Boundaries
- Non-Potable Use Well
- Potable Use Well
- Inactive Use Well
- Abandoned Well

Note:
Well locations are approximated and sampling commenced once access was allowed.

APEX

FIGURE 18



Data Sources: Mecklenburg County GIS (Streets), US Geological Survey (Elevation Products)

Checked By:	AS
Created By:	CW
Scale:	1 " = 100 FT
Date/Time:	11/30/2021; 09:49
Project No.:	CPC20126

Air Sparge System Layout
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

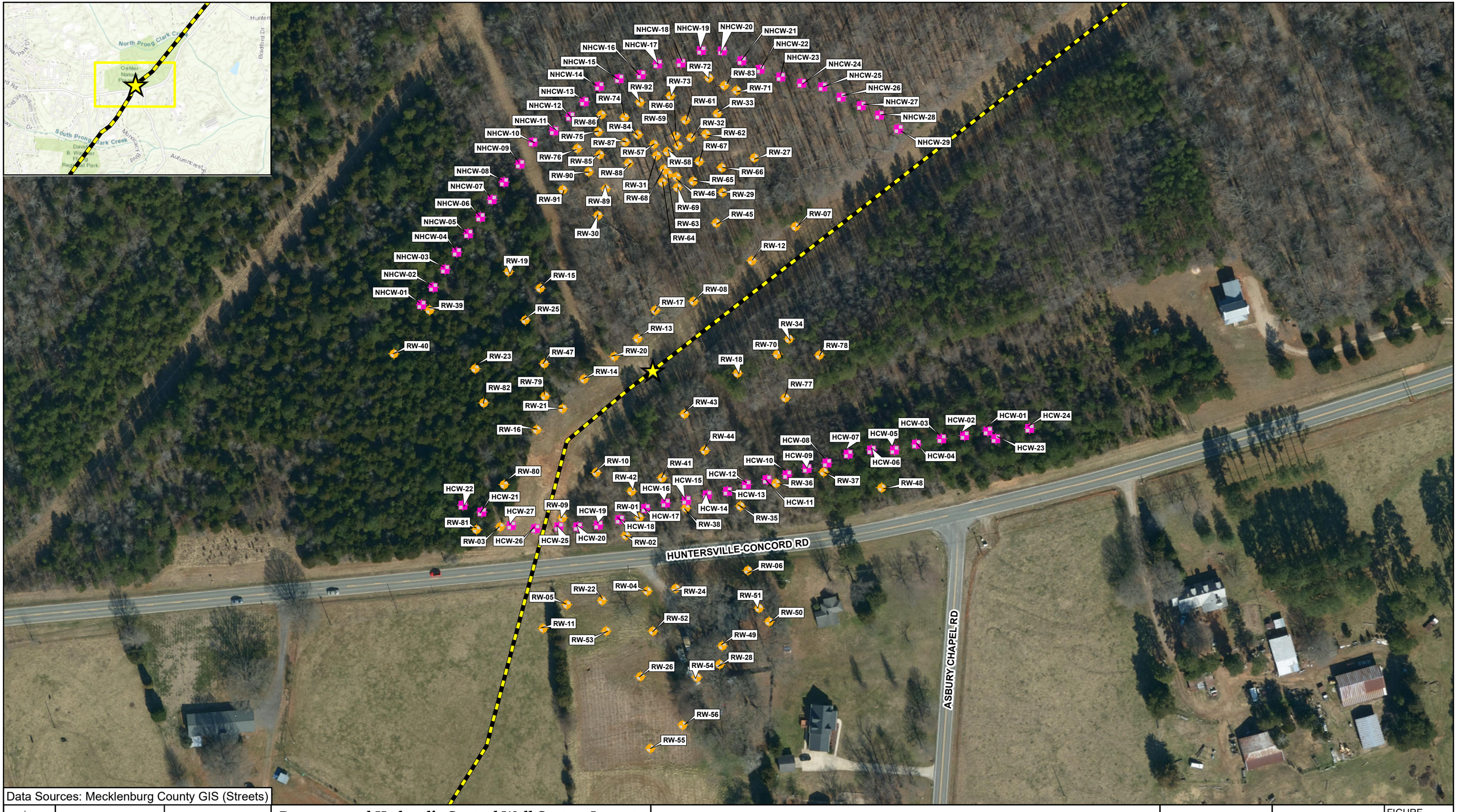
0 100 200 300 Feet

Release Site
Pipeline
Air Sparge Well
Soil Vapor Extraction Well
Soil Vapor Monitoring Point
AreaRae Monitoring Station

Note: The following locations were inactive during this reporting period: AS-15, PV-11, AS-14, PV-10, AS-13, PV-09, AS-12, AS-11, AS-10

APEX

FIGURE 19



Data Sources: Mecklenburg County GIS (Streets)

Checked By:	AS
Created By:	CW
Scale:	1 " = 120 FT
Date/Time:	11/30/2021; 09:52
Project No.:	CPC20126

Recovery and Hydraulic Control Well System Layout
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 120 240 360 Feet

Release Site
Pipeline
Recovery Well
Hydraulic Control Well

Notes:
Installed well points that have been surveyed are currently depicted.

APEX

FIGURE
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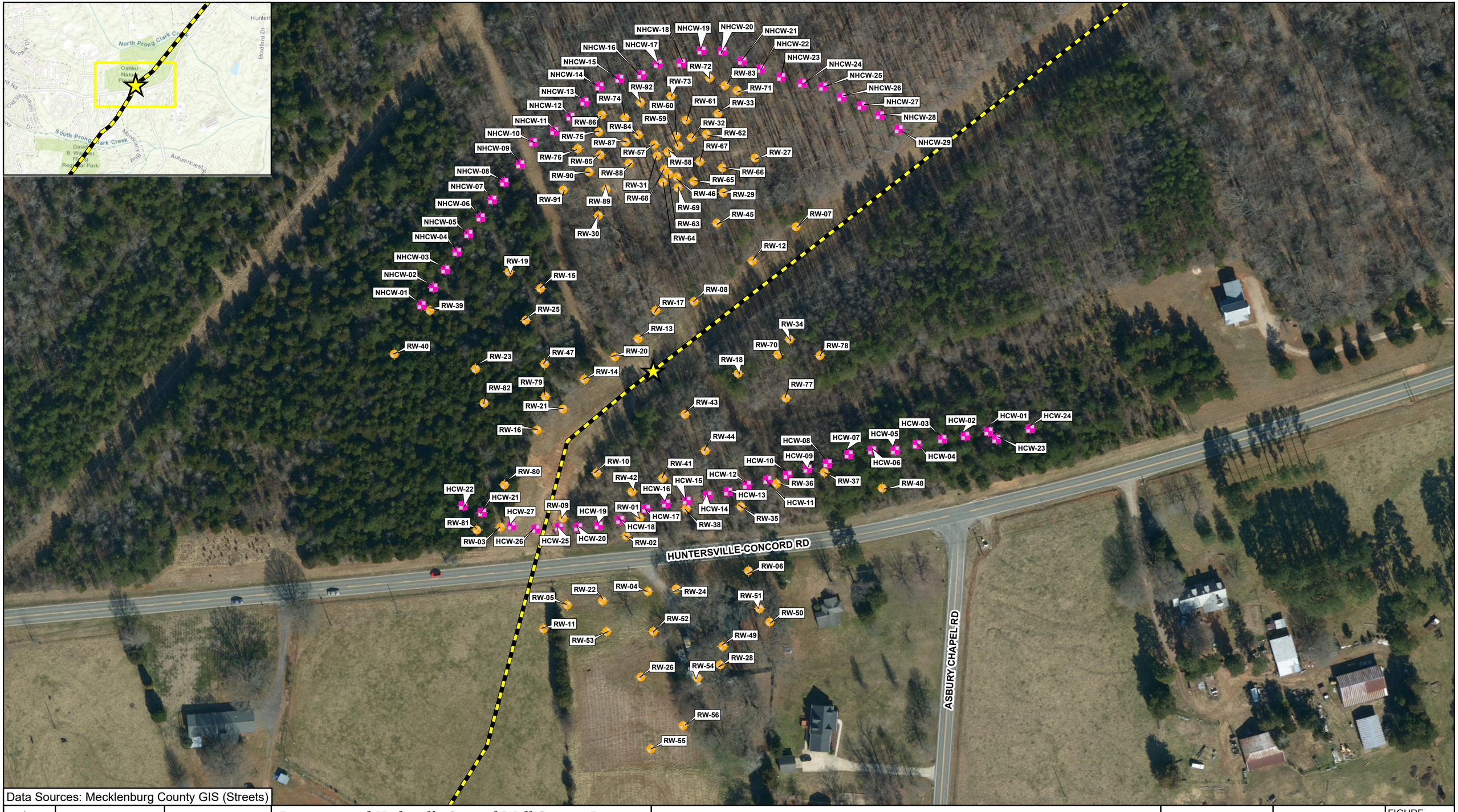

Data Sources: Mecklenburg County GIS (Streets)

Checked By:	AS
Created By:	CW
Scale:	1 " = 120 FT
Date/Time:	11/18/2021; 09:36
Project No.:	CPC20126

Recovery and Hydraulic Control Well System Layout
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 120 240 360 Feet

Release Site
Pipeline
Recovery Well
Hydraulic Control Well

APEX

FIGURE
21

TABLES

Table 1
Summary of Pipeline Excavation Soil Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report	Sample ID	Sample Date	Volatile Organic Compounds (EPA 8260D) (mg/kg)																								MADEP VPH (mg/kg)			
			1,1,2-Trichloroethane	1,1-Dichloroethane	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	Acetone	Benzene	Chlorobenzene	Chloroform	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methyl-tert-butyl ether	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	o-Xylene	Xylene (Total)	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH
Soil-to-Water MSCCs			**0.0032**	**0.0019**	**NE**	**6.6**	**6.6**	**16**	**24**	**0.0072**	**0.44**	**0.34**	**0.32**	**8.0**	**1.3**	**0.085**	**0.023**	**0.2**	**0.9**	**0.0050**	**6.0**	**6.0**	**6.0**	**2.4**	**1.4**	**NE**	**2.2**	**68**	**540**	**31**	**NE**
Residential MSCCs			**11.6**	**7.29**	**NE**	**156**	**156**	**9,380**	**14,000**	**12**	**312**	**21**	**NE**	**60.3**	**1,560**	**156**	**93.8**	**5.5**	**3,120**	**93.8**	**3,120**	**3,120**	**3,120**	**782**	**1,560**	**NE**	**1,560**	**625**	**1,560**	**469**	**NE**
Industrial / Commercial MSCCs			**57.3**	**35.9**	**NE**	**2,330**	**2,330**	**140,000**	**210,000**	**59.4**	**4,670**	**105**	**2,330**	**297**	**23,330**	**1,810**	**1,400**	**27**	**46,700**	**1,400**	**46,700**	**46,700**	**46,700**	**11,600**	**23,300**	**NE**	**23,300**	**9,340**	**23,300**	**7,000**	**NE**
92506678	North Wall	11/17/2020	<0.00446	<0.00446	<0.00891	**0.00441J**	<0.00891	<0.178	<0.0891	**0.0203**	<0.00446	<0.00446	<0.00178	**0.00665**	<0.00446	**0.000981J**	<0.0446	<0.0224	<0.0224	<0.00446	**0.0666**	NA	**0.0323**	<0.0224	<0.00891	<0.00891	<0.0224	<8.65	<8.65	<8.65	<8.65
92506678	South Wall	11/17/2020	<0.00649	<0.00649	<0.0130	**0.00538J**	<0.0130	<0.259	<0.130	**0.0222**	<0.00649	<0.00649	<0.00259	**0.0168**	<0.00649	**0.0582**	**0.0178J**	<0.0324	<0.0324	<0.00649	**0.147**	NA	**0.0722**	<0.0324	<0.0130	<0.0130	<0.0324	<8.64	<8.64	<8.64	<8.64
92506486	0-B	11/15/2020	<0.00450	<0.00450	**0.0508**	**0.0784**	**0.0350**	<0.180	<0.0901	**0.00225**	<0.00450	<0.00450	<0.00180	**0.00411J**	**0.000995J**	<0.00180	<0.0450	**0.122**	<0.0225	<0.00450	**0.0108**	NA	**0.0286**	<0.0225	**0.00368J**	**0.0119**	**0.00541J**	<9.22	**4.63J**	<9.22	**4.63J**
92506486	0-E	11/15/2020	<0.00431	<0.00431	<0.00862	**0.00281J**	<0.00862	<0.172	<0.0862	<0.00172	<0.00431	<0.00431	<0.00172	**0.00150J**	<0.00431	**0.00248**	<0.0431	<0.0216	**0.000412J**	<0.00431	**0.00252J**	NA	**0.00179J**	<0.0216	<0.00862	<0.00862	<0.0216	<8.68	<8.68	<8.68	<8.68
92506486	0-W	11/15/2020	<0.00440	<0.00440	**0.0132**	**0.0372**	**0.0159**	<0.176	<0.0880	**0.138**	<0.00440	<0.00440	**0.00525**	**0.0284**	**0.00161J**	**0.000880J**	<0.0440	<0.0220	<0.0220	<0.00440	**0.518**	NA	**0.287**	<0.0220	**0.00498J**	<0.00880	<0.0220	**3.97J**	<8.86	<8.86	**3.97J**
92506486	25-B	11/15/2020	<0.00451	<0.00451	**0.0341**	**0.101**	**0.0466**	<0.181	<0.0903	**0.0143**	<0.00451	<0.00451	<0.00181	**0.0312**	**0.00289J**	<0.00181	<0.0451	<0.0226	<0.0226	<0.00451	**0.136**	NA	**0.226**	<0.0226	**0.0155**	<0.00903	<0.0226	**4.26J**	**3.34J**	<8.83	**7.60J**
92506486	25-E	11/15/2020	<0.00472	<0.00472	<0.00945	**0.00316J**	<0.00945	<0.189	<0.0945	**0.00185J**	<0.00472	<0.00472	<0.00189	**0.00171J**	<0.00472	**0.00148J**	<0.0472	<0.0236	<0.0236	<0.00472	**0.00584J**	NA	**0.00282J**	<0.0236	<0.00945	<0.00945	<0.0236	**4.57J**	<9.48	<9.48	**4.57J**
92506486	25-W	11/15/2020	<0.00444	<0.00444	**0.0436**	**0.131**	**0.0356**	<0.178	<0.0889	**0.444**	<0.00444	<0.00444	**0.0509**	**0.180**	**0.00685**	**0.00624**	<0.0444	<0.0222	<0.0222	<0.00444	**1.71**	NA	**0.921**	<0.0222	**0.0233**	<0.00889	<0.0222	**7.03J**	**3.99J**	<8.68	**11.0**
92506486	50-B	11/15/2020	<0.00425	<0.00425	**0.00464J**	**0.0145**	**0.00747J**	<0.170	<0.0851	**0.00650**	<0.00425	<0.00425	<0.00170	**0.00541**	<0.00425	<0.00170	<0.0425	<0.0213	<0.0213	<0.00425	**0.0446**	NA	**0.0487**	<0.0213	**0.00185J**	<0.00851	<0.0213	**3.35J**	**4.55J**	<8.59	**7.90J**
92506486	50-E	11/15/2020	<0.0358	<0.0358	<0.0716	**0.0498J**	<0.0716	<1.43	<0.716	**0.0281**	<0.0358	<0.0358	<0.0143	**0.0115J**	**0.0392**	<0.0143	<0.358	**1.03**	<0.179	<0.0358	**0.0682J**	NA	**0.0510J**	**0.240**	<0.0716	<0.0716	**0.0542J**	**5.30J**	<8.99	<8.99	**5.30J**
92506486	50-W	11/15/2020	<0.0354	<0.0354	**61.7**	**219**	**63.8**	<1.41	<0.707	**10.8**	<0.0354	<0.0354	<0.0141	**130**	**11.1**	**0.251**	<0.354	**22.8**	<0.177	<0.0354	**285**	NA	**735**	**11.8**	**45.2**	**2.44**	**4.10**	**1,300**	**1,360**	**567**	**3240**
92506486	75-B	11/16/2020	<0.00425	<0.00425	<0.00850	<0.00850	<0.00850	<0.170	<0.0850	**0.00534**	<0.00425	<0.00425	<0.00170	<0.00425	<0.00425	**0.000623J**	<0.0425	<0.0213	<0.0213	<0.00425	**0.0182**	NA	**0.00566J**	<0.0213	<0.00850	<0.00850	<0.0213	**3.34J**	**3.42J**	<8.30	**6.76J**
92506486	75-E	11/16/2020	<0.00450	<0.00450	<0.00897	**0.00445J**	<0.00897	<0.179	<0.0897	**0.0410**	<0.00450	<0.00450	<0.00179	**0.00812**	<0.00450	<0.00179	**0.0268J**	<0.0224	<0.0224	<0.00450	**0.0999**	NA	**0.0240**	<0.0224	<0.00897	<0.00897	<0.0224	**3.25J**	<8.46	<8.46	**3.25J**
92506486	75-W	11/16/2020	<0.0330	<0.0330	**40.5**	**143**	**40.0**	<1.32	<0.659	**7.53**	<0.0330	<0.0330	<0.0132	**60.6**	**7.43**	**0.149**	<0.330	**15.7**	<0.165	<0.0330	**148**	NA	**346**	**6.61**	**29.2**	**1.56**	**2.78**	**3,960**	**4,460**	**2,010**	**10400**
92506486	100-B	11/16/2020	<0.00360	<0.00360	**0.00308J**	**0.00729**	**0.00390J**	<0.144	<0.0719	**0.00657**	<0.00360	<0.00360	<0.00144	**0.00108J**	<0.00360	<0.00144	<0.0360	<0.0180	<0.0180	<0.00360	**0.0164**	NA	**0.00749J**	<0.0180	<0.00719	<0.00719	<0.0180	**16.4**	<7.15	<7.15	**16.4**
92506486	100-E	11/16/2020	<0.00436	<0.00436	**0.00341J**	**0.0190**	**0.00981**	<0.174	<0.0871	**0.147**	<0.00436	<0.00436	<0.00174	**0.0373**	**0.00111J**	<0.00174	<0.0436	<0.0218	<0.0218	<0.00436	**0.420**	NA	**0.156**	<0.0218	**0.00850J**	<0.00871	<0.0218	**3.58J**	<8.81	<8.81	**3.58J**
92506486	100-W	11/16/2020	<0.00505	<0.00505	**0.0595**	**0.148**	**0.0492**	<0.202	<0.101	**0.786**	<0.00505	<0.00505	**0.138**	**0.0593**	**0.00106J**	**0.0125**	**0.0380J**	<0.0253	<0.0253	<0.00505	**1.98**	NA	**1.33**	<0.0253	**0.00211J**	<0.0101	<0.0253	**6.10J**	**4.63J**	<9.61	**10.7**
92506486	125-B	11/16/2020	<0.00328	<0.00328	**0.00423J**	**0.00767**	**0.00498J**	<0.131	<0.0655	**0.0949**	<0.00328	<0.00328	<0.00131	<0.00328	<0.00328	**0.00117J**	<0.0328	<0.0164	<0.0164	<0.00328	**0.152**	NA	**0.0761**	<0.0164	<0.00655	<0.00655	<0.0164	**8.05**	<6.54	<6.54	**8.05**
92506486	125-E	11/16/2020	<0.00308	<0.00308	<0.00616	<0.00616	<0.00616	<0.123	<0.0616	**0.0172**	<0.00308	<0.00308	<0.00123	**0.00155J**	<0.00308	<0.00123	<0.0308	<0.0154	<0.0154	<0.00308	**0.0362**	NA	**0.0103**	<0.0154	<0.00616	<0.00616	<0.0154	**2.53J**	<6.39	<6.39	**2.53J**
92506486	125-W	11/16/2020	<0.00376	<0.00376	<0.00752	<0.00752	<0.00752	<0.150	<0.0752	**0.0172**	<0.00376	<0.00376	**0.0119**	<0.00376	<0.00376	<0.00150	<0.0376	<0.0188	<0.0188	<0.00376	**0.00585J**	NA	**0.0156**	<0.0188	<0.00752	<0.00752	<0.0188	<7.58	<7.58	<7.58	<7.58
92506486	150-B	11/16/2020	<0.139	<0.139	**20.2**	**69.2**	**21.6**	<5.58	<2.79	**4.63**	<0.139	**0.656**	**0.386**	**30.8**	**2.86**	<0.0558	<1.39	**5.33**	<0.697	<0.139	**49.2**	NA	**206**	**3.68**	**13.8**	**0.663**	**1.36**	**894**	**472**	**216**	**1580**
92506486	150-E	11/16/2020	<0.00342	<0.00342	**0.00491J**	<0.00684	**0.00346J**	<0.137	<0.0684	**0.083**	<0.00342	<0.00342	<0.00137	**0.00137J**	<0.00342	<0.00137	<0.0342	<0.0171	<0.0171	<0.00342	**0.0553**	NA	**0.0480**	<0.0171	<0.00684	<0.00684	<0.0171	**3.86J**	<6.99	<6.99	**3.86J**
92506486	150-W	11/16/2020	<0.00342	<0.00342	**0.150**	**0.120**	**0.0858**	<0.149	<0.0684	**0.436**	<0.00342	<0.00372	<0.00137	**0.00137J**	**0.00465**	**0.0320**	<0.0372	<0.0171	<0.0171	<0.00342	**0.0553**	NA	**0.0480**	<0.0171	<0.00684	<0.00684	<0.0171	**4.46J**	**3.68J**	<6.99	**3.86J**
92506486	175-B	11/16/2020	<0.0572	<0.0572	**44.9**	**141**	**49.1**	**23.1**	<1.14	**10.8**	<0.0572	**1.84**	<0.0229	**87.8**	**6.85**	<0.0229	<0.572	**25.3**	<0.286	<0.0572	**136**	NA	**559**	**8.44**	**32.5**	**1.40**	**2.37**	**2,750**	**2,250**	**650**	**2250**
92506486	175-E	11/16/2020	<0.0295	<0.0295	**7.04**	**23.6**	**7.12**	<1.18	<0.589	**2.03**	<0.0295	<0.0295	**1.77**	**10.9**	**0.854**	**0.239**	<0.295	**2.93**	<0.147	<0.0295	**18.4**	NA	**68.5**	**1.06**	**4.42**	**0.243**	**0.442**	**1,800**	**2,610**	**725**	**4400**
92506486	175-W	11/16/2020	<0.127	<0.127	**84.5**	**277**	**98**	<5.08	<2.54	**27.4**	<0.127	<0.127	**11.0**	**193**	**16.1**	**0.588**	<1.27	**29.2**	<0.635	<0.127	**348**	NA	**1,250**	**14.2**	**68.5**	**2.64**	**4.78**	**4,800**	**4,720**	**686**	**9520**
92506678	200-B	11/17/2020	<0.00444	<0.00444	**0.783**	**0.904**	**0.799**	<0.178	<0.0888	**0.527**	<0.00444	<0.00444	**2.25**	**0.0296**	**0.00408J**	**0.233**	<0.0444	**0.0827**	<0.0222	<0.00444	**0.609**	<7.2	**2.89**	<0.0222	**0.0101**	**0.0277**	**0.0121J**	**26.1**	**16.0**	**3.43J**	**42.1**
92506678	200-E	11/17/2020	<0.0711	<0.0711	**136**	**495**	**149**	<2.84	<1.42	**56.2**	**0.353**	<0.0711	**22.9**	**398**	**19.8**	**1.49**	<0.711	**59.5**	<0.356	<0.0711	**877**	<6.3	**2,210**	**27.2**	**106**	**4.31**	**8.25**	**8,490**	**4,310**	**1,480**	**14300**
92506678	200-W	11/17/2020	<0.0734	<0.0734	**96.4**	**348**	**105**	<2.94	<1.47	**10.1**	**0.308**	<0.0734	**3.35**	**153**	**14.7**	**0.280**	<0.734	**43.7**	<0.367	**0.0945**	**201**	**3.6**	**997**	**19.8**	**68.5**	**3.13**	**6.83**	**1,930**	**3,820**	**1,150**	**5750**
92506678	225-B	11/17/2020	<0.182	<0.182	**103**	**354**	**110**	<7.30	<3.65	**9.34**	<0.182	<0.182	**1.13**	**190**	**2.36**	<0.0730	<1.82	**12.7**	<0.912	<0.182	**312**	<4.6	**1,190**	**3.93**	**68.6**	**0.641**	**1.21**	**2,470**	**1,160**	**696**	**4330**
92506678	225-E	11/17/2020	<0.0823	<0.0823	**96.8**	**315**	**90.4**	<3.29	<1.65	**60.4**	<0.0823	<0.0823	**3.42**	**199**	**29.8**	**0.497**	<0.823	**45.6**	<0.412	<0.0823	**517**	<5	**1,100**	**22.9**	**102**	**5.10**	**9.63**	**5,090**	**6,240**	**1,500**	**11300**
92506678	225-W	11/17/2020	<0.0834	<0.0834	**129**	**439**	**125**	<3.34	<1.67	**49.1**	**0.395**	<0.0834	**2.77**	**310**	**34.2**	**0.225**	<0.834	**60.9**	<0.417	<0.0834	**661**	<5.5	**1,700**	**25.4**	**104**	**5.49**	**10.6**	**6,790**	**4,680**	**1,700**	**13200**
92506678	250-B	11/17/2020	<0.0824	<0.0824	**79.7**	**260**	**78.1**	<3.29	<1.65	**42.2**	<0.0824	<0.0824	**3.28**	**130**	**13.6**	**0.336**	<0.824	**32.8**	<0.413	<0.0824	**344**	<4.9	**705**	**13.5**	**55.2**	**2.95**	**4.61**	**44.5**	**38.2**	**25.7**	**108**
92506678	250-E	11/17/2020	<0.00437	<0.00437	**0.267**	**0.743**	**0.190**	**0.490**	**1.87**	**1.90**	<0.00437	<0.00437	**0.106**	**0.571**	**0.0206**	**0.0462**	<0.0437	**0.146**	<0.0219	<0.00437	**6.45**	<5.5	**3.45**	**0.0101J**	**0.0832**	<0.00875	<0.0219	**13.0**	**5.25J**	**3.41J**	**21.7**
92506678	250-W	11/17/2020	<0.0927	<0.0927	**148**	**519**	**146**	<3.71	<1.85	**64.0**	**0.391**	<0.0927	**9.94**	**413**	**35.7**	**0.590**	<0.927	**65.2**	<0.464	<0.0927	**935**	<5.5	**2,150**	**24.3**	**116**	**5.33**	**9.09**	**8,610**	**6,250**	**2,180**	**17100**
92506678	275-B	11/17/2020	<0.0832	<0.0832	**75.1**	**243**	**72.6**	<3.33	<1.66	**28.6**	<0.0832	<0.0832	**0.519**	**86.2**	**10.6**	**0.0419**	<0.832	**23.0**	<0.416	<0.0832	**285**	**501**	**469**	**11.9**	**53.6**	**2.43**	**4.03**	**2,660**	**1,230**	**636**	**4530**
92506678	275-E	11/17/2020	<0.00426	<0.00426	**0.159**	**0.461**	**0.134**	<0.170	**0.0871**	**1.08**	<0.00426	<0.00426	**0.0553**	**0.0657**	**0.00294J**	**0.00911**	<0.0426	**0.0349**	<0.0214	<0.00426	**2.86**	<4.9	**2.67**	<0.0214	**0.00673J**	<0.00852	<0.0214	**10.6**	**7.65J**	**4.10J**	**22.3**
92506678	275-W	11/17/2020	<0.00369	<0.00369	**0.548**	**1.58**	**0.416**	**0.428**	**1.13**	**1.33**	<0.00369	<0.00369	**0.273**	**0.820**	**0.0450**	**0.0826**	<0.0369	**0.400**	<0.0184	<0.00369	**6.22**	<5	**4.61**	**0.0503**	**0.226**	**0.0113**	**0.0181J**	**409**	**656**	**241**	**1070**
92506678	300-B	11/17/2020	<0.0792	<0.0792	**0.190**	**0.738**	**0.231**	<3.17	<1.58	**0.342**	<0.0792	<0.0792	<0.0317	<0.0791	**0.0769J**	<0.0317	<0.792	**1.70**	<0.396	<0.0792	**0.720**	<7.7	**0.402**	**0.250J**	**0.121J**	<0.158	<0.396	**16.9**	**2.85J**	<7.91	**19.8**

Table 1
Summary of Pipeline Excavation Soil Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report	Sample ID	Sample Date	Volatile Organic Compounds (EPA 8260D) (mg/kg)																								MADEP VPH (mg/kg)			
			1,1,2-Trichloroethane	1,1-Dichloroethane	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	Acetone	Benzene	Chlorobenzene	Chloroform	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methyl-tert-butyl ether	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	o-Xylene	Xylene (Total)	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH
Soil-to-Water MSCCs			**0.0032**	**0.0019**	**NE**	**6.6**	**6.6**	**16**	**24**	**0.0072**	**0.44**	**0.34**	**0.32**	**8.0**	**1.3**	**0.085**	**0.023**	**0.2**	**0.9**	**0.0050**	**6.0**	**6.0**	**6.0**	**2.4**	**1.4**	**NE**	**2.2**	**68**	**540**	**31**	**NE**
Residential MSCCs			**11.6**	**7.29**	**NE**	**156**	**156**	**9,380**	**14,000**	**12**	**312**	**21**	**NE**	**60.3**	**1,560**	**156**	**93.8**	**5.5**	**3,120**	**93.8**	**3,120**	**3,120**	**3,120**	**782**	**1,560**	**NE**	**1,560**	**625**	**1,560**	**469**	**NE**
Industrial / Commercial MSCCs			**57.3**	**35.9**	**NE**	**2,330**	**2,330**	**140,000**	**210,000**	**59.4**	**4,670**	**105**	**2,330**	**297**	**23,330**	**1,810**	**1,400**	**27**	**46,700**	**1,400**	**46,700**	**46,700**	**46,700**	**11,600**	**23,300**	**NE**	**23,300**	**9,340**	**23,300**	**7,000**	**NE**
92506678	300-E	11/17/2020	<0.00437	<0.00437	**0.0190**	**0.0619**	**0.0193**	<0.175	**0.0656J**	**0.550**	<0.00437	<0.00437	**0.0207**	**0.0232**	**0.000917J**	**0.00327**	<0.0437	<0.0218	<0.0218	<0.00437	**1.39**	<5.7	**0.508**	<0.0218	<0.00873	<0.00873	<0.0218	**4.77J**	**3.86J**	<10.7	**8.63J**
92506678	300-W	11/17/2020	<0.00396	<0.00396	**0.155**	**0.402**	**0.0959**	<0.158	**0.119**	**1.30**	<0.00396	<0.00396	**0.302**	**0.407**	**0.0110**	**0.0942**	<0.0396	**0.0750**	<0.0198	<0.00396	**4.34**	<7.7	**2.71**	<0.0198	**0.0344**	<0.00792	<0.0198	**11.8**	**5.66J**	**2.89J**	**20.3**
92506678	325-B	11/17/2020	<0.00397	<0.00397	**0.0752**	**0.0622**	**0.0893**	<0.159	<0.0793	**0.115**	<0.00397	<0.00397	**0.00192**	**0.00370J**	<0.00397	<0.00159	<0.0397	<0.0198	<0.0198	<0.00397	**0.179**	**554**	**0.219**	<0.0198	**0.00153J**	<0.00793	<0.0198	**25.6**	<8.43	**3.29J**	**28.9**
92506678	325-E	11/17/2020	<0.00399	<0.00399	<0.00799	**0.00518J**	**0.00356J**	<0.160	<0.0799	**0.0659**	<0.00399	<0.00399	<0.00160	<0.00399	<0.00399	**0.00460**	<0.0399	<0.0200	<0.0200	<0.00399	**0.118**	<5.1	**0.0473**	<0.0200	<0.00799	<0.00799	<0.0200	<7.86	<7.86	<7.86	<7.86
92506678	325-W	11/17/2020	<0.00384	<0.00384	**0.228**	**0.668**	**0.178**	<0.154	<0.0769	**1.08**	<0.00384	<0.00384	**0.0787**	**0.210**	**0.00781**	**0.0125**	<0.0384	**0.0962**	<0.0193	<0.00384	**3.77**	<5	**2.26**	**0.00819J**	**0.0264**	**0.00399J**	<0.0193	**11.1**	**5.62J**	**3.87J**	**20.7**
92506678	350-B	11/17/2020	<0.00415	<0.00415	**0.00690J**	**0.00543J**	**0.00629J**	<0.166	<0.0830	**0.00239**	<0.00415	<0.00415	<0.00166	**0.00148J**	<0.00415	<0.00166	<0.0415	<0.0207	<0.0207	<0.00415	**0.0135**	NA	**0.0231**	<0.0207	<0.00830	<0.00830	<0.0207	**5.74J**	<8.46	<8.46	**5.74J**
92506678	350-E	11/17/2020	<0.00394	<0.00394	<0.00788	<0.00788	<0.00788	<0.158	<0.0788	**0.00616**	<0.00394	<0.00394	<0.00158	<0.00394	<0.00394	<0.00158	<0.0394	<0.0197	<0.0197	<0.00394	**0.00708J**	<4.9	**0.00252J**	<0.0197	<0.00788	<0.00788	<0.0197	<7.87	<7.87	<7.87	<7.87
92506678	350-W	11/17/2020	<0.00388	<0.00388	<0.00776	**0.00318J**	<0.00776	<0.155	<0.0776	**0.0379**	<0.00388	<0.00388	<0.00155	<0.00388	<0.00388	<0.00155	<0.0388	<0.0194	<0.0194	<0.00388	**0.0641**	<4.9	**0.0318**	<0.0194	<0.00776	<0.00776	<0.0194	**3.21J**	<9.48	<9.48	**3.21J**
92506678	375-B	11/17/2020	<0.00515	<0.00515	<0.0103	**0.00345J**	<0.0103	<0.206	<0.103	**0.00365**	<0.00515	<0.00515	<0.00206	<0.00515	<0.00515	<0.00206	<0.0515	<0.0257	<0.0257	<0.00515	**0.00875J**	<5.4	**0.00679J**	<0.0257	<0.0103	<0.0103	<0.0257	**4.45J**	<8.76	<8.76	**4.45J**
92506678	375-E	11/17/2020	<0.00458	<0.00458	**0.00527J**	**0.00810J**	<0.00915	<0.183	<0.0915	**0.0310**	<0.00458	<0.00458	<0.00183	<0.00458	<0.00458	<0.00183	<0.0458	<0.0229	<0.0229	<0.00458	**0.0544**	<4.3	**0.0378**	<0.0229	<0.00915	<0.00915	<0.0229	**4.46J**	<8.93	<8.93	**4.46J**
92506678	375-W	11/17/2020	<0.00407	<0.00407	**0.00320J**	<0.00813	<0.00813	<0.163	<0.0813	**0.00845**	<0.00407	<0.00407	<0.00163	<0.00407	<0.00407	**0.000610J**	<0.0407	<0.0203	<0.0203	<0.00407	**0.0192**	<5.7	**0.0115**	<0.0203	<0.00813	<0.00813	<0.0203	<8.21	<8.21	<8.21	<8.21
92516902	L2-0-B	01/14/2021	<0.00325	<0.00325	**0.0125**	**0.0321**	**0.00916**	<0.130	<0.0650	**0.00706**	<0.00325	<0.00325	**0.00348**	**0.00899**	<0.00325	**0.00253**	<0.0325	<0.0162	<0.0162	<0.00325	**0.0379**	NA	**0.0902**	<0.0162	<0.00650	<0.00650	<0.0162	**26.0**	<6.73	<6.73	**31.0**
92516902	L2-0-E	01/14/2021	<0.00312	<0.00312	<0.00623	**0.0104**	<0.00623	**0.156**	<0.0623	**0.00257**	<0.00312	<0.00312	<0.00125	**0.00379**	<0.00312	<0.00125	<0.0312	<0.0156	<0.0156	<0.00312	**0.0162**	NA	**0.0307**	<0.0156	<0.00623	<0.00623	<0.0156	**12.7**	<6.26	<6.26	**15.9**
92516902	L2-0-W	01/14/2021	<0.00429	<0.00429	<0.00858	**0.0192**	<0.00858	**0.278**	<0.0858	**0.0161**	<0.00429	<0.00429	**0.00633**	**0.00905**	<0.00429	<0.00172	<0.0429	<0.0215	<0.0215	<0.00429	**0.0366**	NA	**0.0741**	<0.0215	<0.00858	<0.00858	<0.0215	**36.6**	<8.80	<8.80	**40.3**
92516902	L2-100-B	01/14/2021	<0.0759	<0.0759	**42.6**	**172**	**47.5**	<3.04	<1.52	**24.4**	<0.0759	<0.0759	**7.59**	**152**	**9.02**	**0.554**	<0.759	**29.1**	<0.379	<0.0759	**337**	NA	**865**	**9.96**	**29.9**	**1.65**	**2.87**	**2,530**	**1,750**	**600**	**4880**
92516902	L2-100-E	01/14/2021	<0.0171	<0.0171	<0.0342	<0.0342	<0.0342	<0.684	<0.342	**0.0214**	<0.0171	<0.0171	**0.131**	<0.0171	<0.0171	**0.0197**	<0.171	<0.0855	<0.0855	<0.0171	**0.0973**	NA	**0.188**	<0.0855	<0.0342	<0.0342	<0.0855	**26.3**	<8.42	<8.42	**30.5**
92516902	L2-100-W	01/14/2021	<0.836	<0.836	**43.5**	**153**	**38.5**	<33.5	<16.7	**36.3**	<0.836	<0.836	**17.1**	**186**	**8.38**	**1.61**	<8.36	**36.8**	<4.18	<0.836	**488**	NA	**1,050**	**4.37**	**25.1**	<1.67	<4.18	**3,040**	**3,040**	**825**	**6910**
92516902	L2-125-B	01/14/2021	**2.41**	<0.396	**53.8**	**177**	**43.1**	<15.8	<7.91	**62.3**	<0.396	<0.396	**15.6**	**187**	**10.2**	**1.31**	<3.96	**38.0**	<1.98	<0.396	**558**	NA	**957**	**5.58**	**27.7**	<0.791	**2.41**	**5,300**	**4,610**	<2030	**11600**
92516902	L2-125-E	01/14/2021	<0.00424	<0.00424	<0.00848	**0.0200**	<0.00848	<0.170	<0.0848	<0.00170	<0.00424	<0.00424	<0.00170	**0.00942**	<0.00424	<0.00170	<0.0424	<0.0212	<0.0212	<0.00424	**0.0142**	NA	**0.0602**	<0.0212	<0.00848	<0.00848	<0.0212	<8.48	<8.48	<8.48	<8.48
92516902	L2-125-W	01/14/2021	<0.967	<0.967	**22.2**	**79.9**	**20.3**	<38.7	<19.3	**55.5**	<0.967	<0.967	**31.9**	**103**	**4.28**	**4.24**	<9.67	**24.2**	<4.84	<0.967	**364**	NA	**602**	<4.84	**13.1**	<1.93	<4.84	**3,380**	**2,060**	**542**	**5970**
92516902	L2-150-B	01/14/2021	<0.831	<0.831	**47.8**	**152**	**34.4**	<33.2	<16.6	**57.8**	<0.831	<0.831	**5.40**	**162**	**8.99**	**1.09**	<8.31	**46.2**	<4.15	<0.831	**339**	NA	**890**	**4.68**	**24.3**	<1.66	<4.15	**4,030**	**2,560**	**759**	**7340**
92516902	L2-150-E	01/14/2021	<0.185	<0.185	**65.3**	**74.7**	**59.9**	<7.40	<3.70	**81.4**	<0.185	<0.185	**17.1**	**97.5**	**12.4**	**1.26**	<1.85	**25.3**	<0.925	<0.185	**325**	NA	**570**	**7.10**	**42.5**	**1.34**	<0.925	**2,960**	**3,640**	**586**	**7190**
92516902	L2-150-W	01/14/2021	<0.413	<0.413	**55.5**	**56.3**	**48.1**	<16.5	<8.25	**70.5**	<0.413	<0.413	**2.17**	**51.2**	**12.3**	**0.495**	<4.13	**27.0**	<2.06	<0.413	**231**	NA	**287**	**5.28**	**35.1**	**1.46**	**2.54**	**2,990**	**2,430**	**646**	**6070**
92516902	L2-175-B	01/14/2021	<0.268	<0.268	**56.0**	**119**	**54.4**	<10.7	<5.36	**47.0**	<0.268	<0.268	<0.107	**125**	**10.4**	<0.107	<2.68	**26.9**	<1.34	<0.268	**292**	NA	**360**	**4.89**	**36.6**	**1.31**	<1.34	**4,220**	**3,810**	**1,260**	**9290**
92516902	L2-175-E	01/14/2021	<0.366	**0.745**	**53.5**	**57.9**	**48.0**	<14.7	<7.33	**101**	<0.366	<0.366	**16.0**	**68.3**	**10.8**	**1.44**	<3.66	**12.2**	<1.83	<0.366	**249**	NA	**392**	**5.02**	**32.8**	**1.12**	**2.31**	**4,380**	**3,350**	**811**	**8540**
92516902	L2-175-W	01/14/2021	<0.00525	<0.00525	**0.0191**	**0.0601**	**0.0144**	**0.273**	**0.418**	**0.102**	<0.00525	<0.00525	**0.0128**	**0.0681**	<0.00525	<0.00210	<0.0525	<0.0263	<0.0263	<0.00525	**0.403**	NA	**0.399**	<0.0263	<0.0105	<0.0105	<0.0263	<10.5	<10.5	<10.5	<10.5
92516902	L2-200-B	01/14/2021	<0.00453	<0.00453	**0.0142**	**0.0261**	<0.00907	<0.181	<0.0907	**0.00620**	<0.00453	<0.00453	**0.00448**	**0.00753**	<0.00453	**0.00381**	<0.0453	**0.0502**	<0.0227	<0.00453	**0.0346**	NA	**0.0646**	<0.0227	<0.00907	<0.00907	<0.0227	<9.07	<9.07	<9.07	<9.07
92516902	L2-200-E	01/14/2021	<0.325	<0.325	**99.6**	**218**	**79.8**	<13.0	<6.50	**110**	<0.325	<0.325	**11.8**	**169**	**19.8**	**0.911**	<3.25	**36.7**	<1.62	<0.325	**585**	NA	**991**	**6.74**	**61.9**	**2.14**	**4.13**	**3,460**	**4,520**	**1,230**	**9210**
92516902	L2-200-W	01/14/2021	<0.00423	<0.00423	<0.00845	<0.00845	<0.00845	<0.169	<0.0845	**0.00991**	<0.00423	<0.00423	<0.00169	<0.00423	<0.00423	<0.00169	<0.0423	<0.0211	<0.0211	<0.00423	**0.0235**	NA	**0.0220**	<0.0211	<0.00845	<0.00845	<0.0211	<8.45	<8.45	<8.45	<8.45
92516902	L2-225-B	01/15/2021	<0.00451	<0.00451	<0.00902	<0.00902	<0.00902	<0.180	<0.0902	**0.00561**	<0.00451	<0.00451	**0.00417**	**0.00893**	<0.00451	<0.00180	<0.0451	<0.0225	<0.0225	<0.00451	**0.0316**	NA	**0.0337**	<0.0225	<0.00902	<0.00902	<0.0225	**15.1**	<9.02	<9.02	**15.1**
92516902	L2-225-E	01/15/2021	<0.00453	<0.00453	**0.0378**	**0.0349**	<0.00905	<0.181	<0.0905	<0.00181	<0.00453	<0.00453	**0.0635**	<0.00453	<0.00453	**0.0337**	<0.0453	**0.157**	<0.0226	<0.00453	<0.00905	NA	**0.0230**	<0.0226	<0.00905	<0.00905	<0.0226	**16.7**	<9.05	<9.05	**16.7**
92516902	L2-225-W	01/15/2021	<0.00447	<0.00447	<0.00895	<0.00895	<0.00895	<0.179	<0.0895	**0.0158**	<0.00447	<0.00447	<0.00179	<0.00447	<0.00447	<0.00179	<0.0447	<0.0224	<0.0224	<0.00447	**0.0363**	NA	**0.0190**	<0.0224	<0.00895	<0.00895	<0.0224	<8.95	<8.95	<8.95	<8.95
92516902	L2-243-B	01/15/2021	<0.00396	<0.00396	<0.00792	<0.00792	<0.00792	<0.158	<0.0792	**0.103**	<0.00396	<0.00396	<0.00158	**0.00793**	<0.00396	<0.00158	<0.0396	<0.0198	<0.0198	<0.00396	**0.0922**	NA	**0.0405**	<0.0198	<0.00792	<0.00792	<0.0198	**21.9**	<7.92	<7.92	**21.9**
92516902	L2-243-E	01/15/2021	<0.00509	<0.00509	<0.0102	<0.0102	<0.0102	<0.203	<0.102	**0.0250**	<0.00509	<0.00509	<0.00203	<0.00509	<0.00509	<0.00203	<0.0509	<0.0254	<0.0254	<0.00509	**0.0506**	NA	**0.0182**	<0.0254	<0.0102	<0.0102	<0.0254	<10.2	<10.2	<10.2	<10.2
92516902	L2-243-W	01/15/2021	<0.00428	<0.00428	<0.00855	<0.00855	<0.00855	<0.171	<0.0855	**0.0171**	<0.00428	<0.00428	<0.00171	<0.00428	<0.00428	<0.00171	<0.0428	<0.0214	<0.0214	<0.00428	<0.00855	NA	**0.0171**	<0.0214	<0.00855	<0.00855	<0.0214	<8.97	<8.97	<8.97	<8.97
92516902	L2-25-B	01/14/2021	<0.00389	<0.00389	**0.0464**	**0.122**	**0.0569**	<0.156	<0.0778	**0.00484**	<0.00389	<0.00389	<0.00156	**0.00538**	<0.00389	<0.00156	<0.0389	**0.0437**	<0.0194	<0.00389	**0.0224**	NA	**0.0537**	**0.0501**	**0.0202**	**0.00909**	<0.0194	**23.1**	<7.81	<7.81	**26.7**
92516902	L2-25-E	01/14/2021	<0.00646	<0.00646	**0.158**	**0.239**	**0.0526**	<0.258	<0.129	**0.00430**	<0.00646	<0.00646	<0.00258	**0.0129**	<0.00646	<0.00258	<0.0646	**0.367**	<0.0323	<0.00646	**0.0346**	NA	**0.109**	**0.0686**	<0.0129	<0.0129	<0.0323	**15.0**	**16.3**	**10.3**	**41.7**
92516902	L2-25-W	01/14/2021	<0.00456	<0.00456	<0.00911	**0.0182**	<0.00911	**2.19**	<0.0911	**0.00791**	<0.00456	<0.00456	<0.00182	**0.0153**	<0.00456	<0.00182	<0.0456	<0.0228	<0.0228	<0.00456	**0.0512**	NA	**0.0857**	<0.0228	<0.00911	<0.00911	<0.0228	<8.97	<8.97	<8.97	<8.97

Table 1
Summary of Pipeline Excavation Soil Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report	Sample ID	Sample Date	Volatile Organic Compounds (EPA 8260D) (mg/kg)																								MADEP VPH (mg/kg)			
			1,1,2-Trichloroethane	1,1-Dichloroethane	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	Acetone	Benzene	Chlorobenzene	Chloroform	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methyl-tert-butyl ether	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	o-Xylene	Xylene (Total)	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH
Soil-to-Water MSCCs			**0.0032**	**0.0019**	**NE**	**6.6**	**6.6**	**16**	**24**	**0.0072**	**0.44**	**0.34**	**0.32**	**8.0**	**1.3**	**0.085**	**0.023**	**0.2**	**0.9**	**0.0050**	**6.0**	**6.0**	**6.0**	**2.4**	**1.4**	**NE**	**2.2**	**68**	**540**	**31**	**NE**
Residential MSCCs			**11.6**	**7.29**	**NE**	**156**	**156**	**9,380**	**14,000**	**12**	**312**	**21**	**NE**	**60.3**	**1,560**	**156**	**93.8**	**5.5**	**3,120**	**93.8**	**3,120**	**3,120**	**3,120**	**782**	**1,560**	**NE**	**1,560**	**625**	**1,560**	**469**	**NE**
Industrial / Commercial MSCCs			**57.3**	**35.9**	**NE**	**2,330**	**2,330**	**140,000**	**210,000**	**59.4**	**4,670**	**105**	**2,330**	**297**	**23,330**	**1,810**	**1,400**	**27**	**46,700**	**1,400**	**46,700**	**46,700**	**46,700**	**11,600**	**23,300**	**NE**	**23,300**	**9,340**	**23,300**	**7,000**	**NE**
92516902	L2-50-B	01/14/2021	<0.292	<0.292	**86.3**	**317**	**80.0**	<11.7	<5.84	**27.7**	<0.292	<0.292	**1.74**	**236**	**19.3**	<0.117	<2.92	**32.0**	<1.46	<0.292	**476**	NA	**1,400**	**12.8**	**60.9**	**3.14**	**5.08**	**2,520**	**2,610**	**744**	**5880**
92516902	L2-50-E	01/14/2021	<0.756	<0.756	**104**	**352**	**93.7**	<30.2	<15.1	**10.2**	<0.756	<0.756	**0.464**	**198**	**18.6**	<0.302	<7.56	**39.4**	<3.78	<0.756	**375**	NA	**1,060**	**14.4**	**65.0**	**3.78**	**6.27**	**2,540**	**4,570**	**1,860**	**8970**
92516902	L2-50-W	01/14/2021	<0.00392	<0.00392	**0.0867**	**0.227**	**0.0538**	<0.157	<0.0784	**0.296**	<0.00392	<0.00392	**0.0262**	**0.155**	**0.00915**	**0.0246**	<0.0392	**0.0326**	<0.0196	<0.00392	**1.12**	NA	**0.956**	<0.0196	**0.0246**	<0.00784	<0.0196	**25.3**	<15.5	<15.5	**25.3**
92516902	L2-75-B	01/14/2021	<0.320	<0.320	**60.3**	**247**	**59.7**	<12.8	<6.40	**36.3**	<0.320	<0.320	**10.9**	**239**	**12.2**	**0.850**	<3.20	**40.5**	<1.60	<0.320	**503**	NA	**1,360**	**9.64**	**41.9**	**1.89**	**3.36**	**4,760**	**13,000**	<795	**NA**
92516902	L2-75-E	01/14/2021	<0.00475	<0.00475	**0.0863**	**0.298**	**0.0827**	**11.1**	<0.0950	**0.0804**	<0.00475	<0.00475	**0.0448**	**0.262**	**0.0142**	**0.00994**	<0.0475	**0.0874**	<0.0238	<0.00475	**0.827**	NA	**1.59**	<0.0238	**0.0515**	<0.00950	<0.0238	**74.5**	**134**	**50.0**	**258**
92516902	L2-75-W	01/14/2021	<0.0676	<0.0676	**60.7**	**218**	**56.8**	<2.70	<1.35	**3.65**	<0.0676	<0.0676	**0.343**	**110**	**13.4**	**0.0407**	<0.676	**27.4**	<0.338	<0.0676	**92.8**	NA	**696**	**13.8**	**34.1**	**3.04**	**4.64**	**980**	**1,880**	**773**	**3630**
92516902	L2-North Wall	01/14/2021	<0.00379	<0.00379	**0.0428**	**0.0872**	**0.0290**	<0.152	<0.0758	**0.0194**	<0.00379	<0.00379	**0.00282**	**0.0402**	<0.00379	**0.00170**	<0.0379	**0.0367**	<0.0190	<0.00379	**0.177**	NA	**0.328**	<0.0190	**0.00819**	<0.00758	<0.0190	<7.73	<7.73	<7.73	**9.31**

Notes:
Only detected constituents are shown
MSCC - Maximum Soil Contaminant Concentrations
"<" = Indicates compound was not detected above laboratory reporting limit
NA - Not Analyzed
NE - Not Established
J - Result is an estimated value below the laboratory reporting limit
Volatile Organic Compounds analyzed by EPA Method 8260D
MADEP - Massachusetts Department of Environmental Protection; as required by North Carolina Department of Environmental Quality
VPH - Volatile Petroleum Hydrocarbon
Bold values indicate compound was detected above laboratory reporting limit
Shaded values indicate compound exceeded an MSCC
All units are milligram per kilogram (mg/kg)

Table 2
Summary of Delineation Soil Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																														
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene
Soil-to-Water MSCCs				**68**	**540**	**31**	**NE**	**24,000**	**7.2**	**16,000**	**2,400**	**2,200**	**1,700**	**440**	**340**	**14**	**NE**	**280**	**30**	**1.9**	**320**	**8,000**	**1,300**	**120**	**23**	**420**	**85**	**200**	**1,400**	**900**	**4**	**5.0**	**5,400**	**6,600**	**6,600**	**6,000**	**NE**	**NE**
Residential MSCCs				**625**	**1,560**	**469**	**NE**	**14,000,000**	**12,000**	**9,380,000**	**782,000**	**1,560,000**	**1,560,000**	**312,000**	**21,000**	**51,000**	**NE**	**312,000**	**116,000**	**7,290**	**NE**	**60,300**	**1,560,000**	**1,560,000**	**93,800**	**1,250,000**	**156,000**	**5,500**	**1,560,000**	**3,120,000**	**25,200**	**93,800**	**1,250,000**	**156,000**	**156,000**	**3,120,000**	**NE**	**NE**
Industrial / Commercial MSCCs				**9,340**	**23,300**	**7,000**	**NE**	**210,000,000**	**59,400**	**140,000,000**	**11,600,000**	**23,300,000**	**23,300,000**	**4,670,000**	**105,000**	**251,000**	**NE**	**4,670,000**	**573,000**	**35,900**	**2,330,000**	**297,000**	**23,300,000**	**23,300,000**	**1,400,000**	**18,600,000**	**1,810,000**	**27,000**	**23,300,000**	**46,700,000**	**125,000**	**1,400,000**	**18,600,000**	**2,330,000**	**2,330,000**	**46,700,000**	**NE**	**NE**
92494208	MW-1 (17.5-20)	MW-01	09/04/2020	<7.36	<7.36	<7.36	<7.36	<145	<7.2	<145	<7.2	<7.2	<7.2	<7.2	<7.2	<14.5	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<28.9	<72.3	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<14.5	<14.5	<7.2
92494208	MW-1 (20-22.5)	MW-01	09/04/2020	<7.57	<7.57	<7.57	<7.57	<127	<6.3	<127	<6.3	<6.3	<6.3	<6.3	<6.3	<12.7	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.3	<63.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.7	<12.7	<6.3
92492458	MW-2 (12.5-15)	MW-02	08/25/2020	NA	NA	NA	NA	<64.6	<3.2	<64.6	<3.2	<3.2	<3.2	<3.2	<3.2	<6.5	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<12.9	<32.3	<3.2	**5.6**	<3.2	<3.2	<3.2	<3.2	**4.0**	**14.0**	**3.5**	**12.0**	**8.3**	**3.6**
92492458	MW-2 (22.5-25)	MW-02	08/25/2020	NA	NA	NA	NA	<91.3	<4.6	<91.3	<4.6	<4.6	<4.6	<4.6	<4.6	<9.1	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<18.3	<45.7	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.1	<9.1	<4.6
92492672	MW-3 (15-17.5)	MW-03	08/25/2020	NA	NA	NA	NA	<99.8	<5	<99.8	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	**5.5**	<20	<49.9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
92492672	MW-3 (2.5-5)	MW-03	08/25/2020	NA	NA	NA	NA	<110	<5.5	<110	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**15.9**	<22	<55.1	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<11	<5.5
92493060	MW-4 (15-17.5)	MW-04	08/28/2020	<7.52	<7.52	<7.52	<7.52	<98.1	<4.9	<98.1	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.6	<49	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<4.9
92493060	MW-4 (5-7.5)	MW-04	08/28/2020	<8.46	<8.46	<8.46	<8.46	<110	<5.5	<110	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<22.1	<55.1	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<11	<5.5
92493075	MW-5 (20-22.5)	MW-05	08/28/2020	<7.72	<7.72	<7.72	<7.72	<97.6	<4.9	<97.6	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.5	<48.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<4.9
92493075	MW-5 (7.5-10)	MW-05	08/28/2020	<8.26	<8.26	<8.26	<8.26	<101	<5	<101	<5	<5	<5	<5	<5	<10.1	<5	<5	<5	<5	<5	<5	<5	<5	<20.1	<50.3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10.1	<10.1	<5
92493224	MW-6 (1-2.5)	MW-06	08/29/2020	<7.86	<7.86	<7.86	<7.86	<154	<7.7	<154	<7.7	<7.7	<7.7	<7.7	<7.7	<15.4	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<30.9	<77.1	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<15.4	<15.4	<7.7
92493224	MW-6 (15-17.5)	MW-06	08/29/2020	<7.51	<7.51	<7.51	<7.51	<114	<5.7	<114	<5.7	<5.7	<5.7	<5.7	<5.7	<11.4	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<22.7	<56.8	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11.4	<11.4	<5.7
92493224	MW-7 (15-17.5)	MW-07	08/30/2020	<6.96	<6.96	<6.96	<6.96	<103	<5.1	<103	<5.1	<5.1	<5.1	<5.1	<5.1	<10.3	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<20.5	<51.3	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10.3	<10.3	<5.1
92493224	MW-7 (5-7.5)	MW-07	08/30/2020	<8.26	<8.26	<8.26	<8.26	<101	<5	<101	<5	<5	<5	<5	<5	<10.1	<5	<5	<5	<5	<5	<5	<5	<5	<20.2	<50.4	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10.1	<10.1	<5
92493110	RW-07_(32.5-35)	MW-08	08/29/2020	<5.89	<5.89	<5.89	<5.89	<98.6	<4.9	<98.6	<4.9	<4.9	<4.9	<4.9	<4.9	<9.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.7	<49.3	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.9	<9.9	<4.9
92493224	MW-9 (20-22.5)	MW-09	08/31/2020	<7.53	<7.53	<7.53	<7.53	<97.8	<4.9	<97.8	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.6	<48.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<4.9
92493224	MW-9 (7.5-10)	MW-09	08/31/2020	<8.39	<8.39	<8.39	<8.39	<108	<5.4	<108	<5.4	<5.4	<5.4	<5.4	<5.4	<10.8	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<21.5	<53.9	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<10.8	<10.8	<5.4
92493403	MW-10 (22.5-25)	MW-10	08/31/2020	<5.34	<5.34	<5.34	<5.34	<85.1	<4.3	<85.1	<4.3	<4.3	<4.3	<4.3	<4.3	<8.5	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<17	<42.6	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.5	<8.5	<4.3
92493403	MW-10 (7.5-10)	MW-10	08/31/2020	<9.2	<9.2	<9.2	<9.2	<114	<5.7	<114	<5.7	<5.7	<5.7	<5.7	<5.7	<11.4	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<22.8	<57	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11.4	<11.4	<5.7
92493992	MW-11_(37.5-40')	MW-11	09/01/2020	<6.16	<6.16	<6.16	<6.16	<61.6	<1.23	<123	<15.4	<15.4	<6.16	<3.08	<3.08	<15.4	<3.08	<6.16	<3.08	<3.08	<1.23	<3.08	<3.08	<6.16	<30.8	<30.8	<1.23	<15.4	<6.16	<15.4	<3.08	<3.08	<6.16	<6.16	<6.16	<8.01	<4.93	<3.08
92492881	SB-118 (2.5-5)	MW-12	08/27/2020	<7.88	<7.88	<7.88	<7.88	<91.7	<4.6	<91.7	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<18.3	<45.8	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<9.2	<4.6
92492881	SB-118 (20-22.5)	MW-12	08/27/2020	<7.11	<7.11	<7.11	<7.11	<97.4	<4.9	<97.4	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.5	<48.7	<4.9	<4.9	<4.9	<4.9	NA	<4.9	<4.9	<4.9	<4.9	<9.7	<9.7	<4.9
92493992	MW-13_(25-27.5)	MW-13	09/01/2020	<8.04	<8.04	<8.04	<8.04	<80.4	<1.61	<161	<20.2	<20.2	<8.04	<4.02	<4.02	<20.2	<4.02	<8.04	<4.02	<4.02	<1.61	<4.02	<4.02	<8.04	<40.2	<40.2	<1.61	<20.2	<8.04	<20.2	<4.02	<4.02	<8.04	<8.04	<8.04	<10.5	<6.44	<4.02
92493992	B-01_MW-14_(25'-27.5')	MW-14	09/01/2020	<7.56	<7.56	<7.56	<7.56	<106	<5.3	<106	<5.3	<5.3	<5.3	<5.3	<5.3	<10.6	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<21.1	<52.9	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<10.6	<10.6	<5.3
92493643	MW-15 (27.5-29)	MW-15	09/02/2020	<7.69	<7.69	<7.69	<7.69	<97.3	<4.9	<97.3	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.5	<48.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<9.7	<4.9
92493643	MW-15 (5-7.5)	MW-15	09/02/2020	<8.27	<8.27	<8.27	<8.27	<105	<5.3	<105	<5.3	<5.3	<5.3	<5.3	<5.3	<10.5	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<21	<52.5	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<10.5	<10.5	<5.3
92493992	B-04_MW-16_(25'-27.5')	MW-16	09/02/2020	<7.69	<7.69	<7.69	<7.69	<121	<6	<121	<6	<6	<6	<6	<6	<12.1	<6	<6	<6	<6	<6	<6	<6	<6	<24.1	<60.3	<6	<6	<6	<6	<6	<6	<6	<6	<6	<12.1	<12.1	<6
92493992	MW-17_(27.5-30)	MW-17	09/02/2020	<8.34	<8.34	<8.34	<8.34	<83.4	<1.67	<167	<20.8	<20.8	<8.34	<4.17	<4.17	<20.8	<4.17	<8.34	<4.17	<4.17	<1.67	<4.17	<4.17	<8.34	<41.7	<41.7	<1.67	<20.8	<8.34	<20.8	<4.17	<4.17	<8.34	<8.34	<8.34	**11.3**	**8.21**	<4.17
92493861	BH-03 (10-12.5)	MW-18	09/02/2020	<8.17	<8.17	<8.17	<8.17	<140	<7	<140	<7	<7	<7	<7	<7	<14	<7	<7	<7	<7	<7	<7	<7	<7	<28.1	<70.2	<7	<7	<7	<7	<7	<7	<7	<7	<7	<14	<14	<7
92493861	BH-03 (32.5-35)	MW-18	09/02/2020	<6.95	<6.95	<6.95	<6.95	<139	<6.9	<139	<6.9	<6.9	<6.9	<6.9	<6.9	<13.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<27.7	<69.3	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<13.9	<13.9	<6.9
92493992	MW-19_(25-27.5)	MW-19	09/02/2020	<8.27	<8.27	<8.27	<8.27	<82.7	<1.65	<165	<20.7	<20.7	<8.27	<4.14	<4.14	<20.7	<4.14	<8.27	<4.14	<4.14	<1.65	<4.14	<4.14	<8.27	<41.4	<41.4	<1.65	<20.7	<8.27	<20.7	<4.14	<4.14	<8.27	<8.27	<8.27	<10.8	<6.62	<4.14
92493861	BH-04 (10-12.5)	MW-20	09/02/2020	<7.76	<7.76	<7.76	<7.76	<164	<8.2	<164	<8.2	<8.2	<8.2	<8.2	<8.2	<16.4	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<32.9	<82.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<16.4	<16.4	<8.2
92493861	BH-04 (27.5-29)	MW-20	09/02/2020	<6.38	<6.38	<6.38	<6.38	<149	<7.5	<149	<7.5	<7.5	<7.5	<7.5	<7.5	<14.9	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<29.9	<74.7	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<14.9	<14.9	<7.5
92494163	MW-21_(25-27.5)	MW-21	09/03/2020	<7.55	<7.55	<7.55	<7.55	<75.5	<1.51	<151	<18.9	<18.9	<7.55	<3.77	<3.77	<18.9	<3.77	<7.55	<3.77	<3.77	<1.51	<3.77	<3.77	<7.55	<37.7	<37.7	<1.51	<18.9	<7.55	<18.9	<3.77	<3.77	<7.55	<7.55	<7.55	<9.81	<6.04	<3.77
92494208	BH-05 (15-17.5)	MW-22	09/03/2020	<7.7	<7.7	<7.7	<7.7	<184	<9.2	<184	<9.2	<9.2	<9.2	<9.2	<9.2	<18.4	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<36.8	<92	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<18.4	<18.4	<9.2
92494208	BH-05 (5.75-7.5)	MW-22	09/03/2020	<8.1	<8.1	<8.1	<8.1	<118	<5.9	<118	<5.9	<5.9	<5.9	<5.9	<5.9	<11.8	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<23.5	<58.8	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<11.8	<11.8	<5.9
92494163	MW-23_(25-27.5)	MW-23	09/03/2020	<7.87	<7.87	<7.87	<7.87	<120	<6	<120	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<6	<6	<24.1	<60.2	<6	<6	<6	<6	<6	<6	<6	<6	<6	<12	<12	<6
92494208	BH-06 (22.5-25)	MW-24	09/03/2020	<6.76	<6.76	<6.76	<6.76	<120	<6	<120	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<6	<6	<24	<60.1	<6	<6	<6	<6	<6	<6	<6	<6	<6	<12	<12	<6
92494208	BH-06 (32.5-35)	MW-24	09/03/2020	<7.08	<7.08	<7.08	<7.08	<133	<6.7	<133	<6.7	<6.7	<6.7	<6.7	<6.7	<13.3	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<26.7	<66.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13.3	<13.3	<6.7
92494208	BH-07 (2.5-5)	MW-25	09/04/2020	<7.84	<7.84	<7.84	<7.84	<139	<7	<139	<7	<7	<7	<7	<7	<13.9	<7	<7	<7	<7	<7	<7	<7	<7	<27.9	<69.7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<13.9	<13.9	<7
92494208	BH-07 (30-32.5)	MW-25	09/04/2020	<8.02	<8.02	<8.02	<8.02	<127	<6.3	<127	<6.3	<6.3	<6.3	<6.3	<6.3	<12.7	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.3	<63.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.7	<12.7	<6.3
92494208	BH-08 (20-22.5)	MW-26	09/04/2020	<7.03	<7.03	<7.03	<7.03	<120	<6	<120	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<6	<6	<23.9	<59.8	<6	<6	<6	<6	<6	<6	<6	<6	<6	<12	<12	<6
92494208	BH-08 (22.5-25)	MW-26	09/04/2020	<6.57	<6.57	<6.57	<6.57	<121	<6	<121	<6	<6	<6	<6	<6	<12.1	<6	<6	<6	<6	<6	<6	<6	<6	<24.2	<60.5	<6	<6	<6	<6	<6	<6	<6	<6	<6	<12.1	<12.1	<6
92494609	BH-11 (2.5-5)	MW-27	09/05/2020	<8.86	<8.86	<8.86	<8.86	<153	<7.7	<153	<7.7	<7.7	<7.7	<7.7	<7.7	<15.3	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<30.7	<76.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<15.3	<15.3	<7.7
92494609	BH-11 (22.5-25)	MW-27	09/05/2020	<6.84	<6.84	<6.84	<6.84	<125	<6.3	<125	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.1	<62.6	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<12.5	<6.3
92494924	BH-12 (17.5-20)	MW-28	09/05/2020	<7.38	<7.38	<7.38	<7.38	<125	<6.3	<125	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25	<62.6	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<12.5	<6.3
92494924	BH-12 (22.5-25)	MW-28	09/05/2020	<7.87	<7.87	<7.87	<7.87	<129	<6.4	<129	<6.4	<6.4	<6.4	<6.4	<6.4	<12.9	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.8	<64.5	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.9	<12.9	<6.4
92494334	MW29-27.5-30'	MW-29	09/06/2020	<9.53	<9.53	<9.53	<9.53	<173	<8.6	<173	<8.6	<8.6	<8.6	<8.6	<8.6	<17.3	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<34.6	<86.4	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<17.3	<17.3	<8.6
92494334	ER9 66-22.5-25'	MW-30	09/06/2020	<7.59	<7.59	<7.59	<7.59	<97.9	<4.9	<97.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.6	<48.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<4.9
92494334	MW31-25-27.5'	MW-31	09/07/2020	<8.26	<8.26	<8.26	**11.6**	<101	<5.0	<101	<5.0	<5.0	<5.0	<5.0	<5.0	<10.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20.1	<50.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.1	<10.1	<5.0
92538150	MW-31D (15-17)	MW-31D	05/10/2021	<4.4	<4.4	<4.4	<4.4	<172	<8.6	<172	<8.6	<8.6	<8.6	<8.6	<8.6	<17.2	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<34.4	<86.1	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<17.2	<17.2	<8.6
92494609	BH-15 (12.5-15)	MW-32	09/07/2020	<8.49	<8.49	<8.49	<8.49	<124	<6.2	<124	<6.2	<6.2	<6.2	<6.2	<6.2	<12.4	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<24.9	<62.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12.4	<12.4	<6.2
92494609	BH-15 (7.5-10)	MW-32	09/07/2020	<7.77	<7.77	<7.77	<7.77	<118	<5.9	<118	<5.9	<5.9	<5.9	<5.9	<5.9	<11.8	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<23.5	<58.8	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<11.8	<11.8	<5.9
92494609	BH-14 (10-12.5)	MW-33	09/05/2020	<7.09	<7.09	<7.09	<7.09	<118	<5.9	<118	<5.9	<5.9	<5.9	<5.9	<5.9	<11.8	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<23.6	<59.1	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<11.8	<11.8	<5.9
92494609	BH-14 (2.5-5)	MW-33	09/05/2020	<8.92	<8.92	<8.92	<8.92	<159	<8	<159	<8	<8	<8	<8	<8	<15.9	<8	<8	<8	<8	<8	<8	<8	<8	<31.9	<79.7	<8	<8	<8	<8	<8	<8	<8	<8	<8	<15.9	<15.9	<8
92494609	BH-13 (1-2.5)	MW-34	09/05/2020	<8.28	<8.28	<8.28	<8.28	<173	<8.6	<173	<8.6	<8.6	<8.6	<8.6	<8.6	<17.3	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<34.6	<86.4	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<17.3	<17.3	<8.6
92494609	BH-13 (5-7.5)	MW-34	09/05/2020	<7.57	<7.57	<7.57	<7.57	<127	<6.4	<127	<6.4	<6.4	<6.4	<6.4	<6.4	<12.7	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.5	<63.7	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.7	<12.7	<6.4
92494609	BH-16 (20-22.5)	MW-35	09/07/2020	<8.28	<8.28	<8.28	<8.28	<125	<6.3	<125	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25	<62.5	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<12.5	<6.3
92494609	BH-16 (7.5-10)	MW-35	09/07/2020	<7.21	<7.21	<7.21	<7.21	<129	<6.5	<129	<6.5	<6.5	<6.5	<6.5	<6.5	<12.9	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<25.9	<64.7	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<12.9	<12.9	<6.5
92494609	BH-17 (1-2.5)	MW-36	09/08/2020	<9.09	<9.09	<9.09	<9.09	<230	<11.5	<230	<11.5	<11.5	<11.5	<11.5	<11.5	<23	<11.5	<11.5	<11.5	<11.5	<11.5	<11.5	<11.5	<11.5	<46	<115	<11.5	<11.5	<11.5	<11.5	<11.5	<11.5	<11.5	<11.5	<11.5	<23	<23	<11.5
92494609	BH-17 (22.5-25)	MW-36	09/08/2020	<7.84	<7.84	<7.84	<7.84	<141	<7.1	<141	<7.1	<7.1	<7.1	<7.1	<7.1	<14.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<28.3	<70.7	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14.1	<14.1	<7.1
92494609	BH-18 (22.5-25)	MW-37	09/08/2020	<7.43	<7.43	<7.43	<7.43	<132	<6.6	<132	<6.6	<6.6	<6.6	<6.6	<6.6	<13.2	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<26.3	<65.8	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<13.2	<13.2	<6.6
92494609	BH-18 (5-7.5)	MW-37	09/08/2020	<8.5	<8.5	<8.5	<8.5	<128	<6.4	<128	<6.4	<6.4	<6.4	<6.4	<6.4	<12.8	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.7	<64.2	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.8	<12.8	<6.4
92494587	MW 38-30-32.5	M

Table 2
Summary of Delineation Soil Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																														
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene
Soil-to-Water MSCCs				**68**	**540**	**31**	**NE**	**24,000**	**7.2**	**16,000**	**2,400**	**2,200**	**1,700**	**440**	**340**	**14**	**NE**	**280**	**30**	**1.9**	**320**	**8,000**	**1,300**	**120**	**23**	**420**	**85**	**200**	**1,400**	**900**	**4**	**5.0**	**5,400**	**6,600**	**6,600**	**6,000**	**NE**	**NE**
Residential MSCCs				**625**	**1,560**	**469**	**NE**	**14,000,000**	**12,000**	**9,380,000**	**782,000**	**1,560,000**	**1,560,000**	**312,000**	**21,000**	**51,000**	**NE**	**312,000**	**116,000**	**7,290**	**NE**	**60,300**	**1,560,000**	**1,560,000**	**93,800**	**1,250,000**	**156,000**	**5,500**	**1,560,000**	**3,120,000**	**25,200**	**93,800**	**1,250,000**	**156,000**	**156,000**	**3,120,000**	**NE**	**NE**
Industrial / Commercial MSCCs				**9,340**	**23,300**	**7,000**	**NE**	**210,000,000**	**59,400**	**140,000,000**	**11,600,000**	**23,300,000**	**23,300,000**	**4,670,000**	**105,000**	**251,000**	**NE**	**4,670,000**	**573,000**	**35,900**	**2,330,000**	**297,000**	**23,300,000**	**23,300,000**	**1,400,000**	**18,600,000**	**1,810,000**	**27,000**	**23,300,000**	**46,700,000**	**125,000**	**1,400,000**	**18,600,000**	**2,330,000**	**2,330,000**	**46,700,000**	**NE**	**NE**
92495719	BH-21(25-27.5)	MW-49	09/15/2020	<7.53	<7.53	<7.53	<7.53	<115	<5.8	<115	<5.8	<5.8	<5.8	<5.8	<5.8	<11.5	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	**99.2**	<57.5	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<11.5	<11.5	<5.8
92495719	BH-22 (17.5-20)	MW-50	09/15/2020	<7.55	<7.55	<7.55	<7.55	<149	<7.4	<149	<7.4	<7.4	<7.4	<7.4	<7.4	<14.9	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<29.8	<74.5	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<14.9	<14.9	<7.4
92495719	BH-22 (25-27.5)	MW-50	09/15/2020	<8.73	<8.73	<8.73	<8.73	<136	<6.8	<136	<6.8	<6.8	<6.8	<6.8	<6.8	<13.6	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<27.1	<67.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<13.6	<13.6	<6.8
92496432	MW-5(25-27.5)	MW-51	09/18/2020	<7.30	<7.30	<7.30	<7.30	<117	<5.8	<117	<5.8	<5.8	<5.8	<5.8	<5.8	<11.7	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<23.4	<58.4	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<11.7	<11.7	<5.8
92497523	MW-52 (25-27.5)	MW-52	09/23/2020	<7.62	<7.62	**2.68**	**2.68**	<126	<6.3	<126	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.1	<62.8	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<12.6	<6.3
92498039	MW-54 (15'-17.5')	MW-54	09/28/2020	<8.26	<8.26	<8.26	<8.26	<104	<5.2	<104	<5.2	<5.2	<5.2	<5.2	<5.2	<10.4	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<20.8	<51.9	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10.4	<10.4	<5.2
92498039	MW-55 (58')	MW-55	09/29/2020	<6.26	<6.26	<6.26	<6.26	<99.8	<5.0	<99.8	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20.0	<49.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
92498395	MW-56 @ 15'	MW-56	09/30/2020	<6.86	<6.86	<6.86	<6.86	<107	<5.4	<107	<5.4	<5.4	<5.4	<5.4	<5.4	<10.7	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<21.4	<53.6	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<10.7	<10.7	<5.4
92498395	MW-57 @ 12'	MW-57	09/30/2020	<8.05	<8.05	<8.05	<8.05	<114	<5.7	<114	<5.7	<5.7	<5.7	<5.7	<5.7	<11.4	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<22.7	<56.9	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11.4	<11.4	<5.7
92498540	MW-58 @30'	MW-58	10/02/2020	NA	NA	NA	NA	<123	<6.2	<123	<6.2	<6.2	<6.2	<6.2	<6.2	<12.3	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<24.7	<61.7	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12.3	<12.3	<6.2
92498670	MW-59@30	MW-59	10/02/2020	<5.70	<6.48	**1.95J**	<6.48	<113	<5.7	<113	<5.7	<5.7	<5.7	<5.7	<5.7	<11.3	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<22.6	<56.6	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11.3	<11.3	<5.7
92498670	MW-60@25-27.5	MW-60	10/03/2020	NA	NA	NA	NA	<126	<6.3	**59.6J**	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	**67.0**	<63.0	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<12.6	<6.3
92512978	MW-64 (36'-38')	MW-64	12/17/2020	<6.60	**6.74**	**11.1**	**17.8**	<126	<6.3	<126	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.1	<62.8	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<12.6	<6.3
92513387	MW-65 (25')	MW-65	12/22/2020	<7.30	<7.30	<7.30	<7.30	<152	<7.6	<152	<7.6	<7.6	<7.6	<7.6	<7.6	<15.2	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<30.3	<75.9	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<15.2	<15.2	<7.6
92513891	MW-66 40'-42'	MW-66	12/22/2020	<5.83	<5.83	<5.83	<5.83	<59.1	<1.18	<118	<14.8	<14.8	<5.91	<2.96	<2.96	<14.8	<2.96	<5.91	<2.96	<2.96	<1.18	<2.96	<2.96	<5.91	<29.6	<29.6	<1.18	<14.8	<5.91	<14.8	<2.96	<2.96	<5.91	<5.91	<5.91	<7.68	NA	NA
92513891	MW-66 40'-42'	MW-66	12/22/2020	<7.96	<7.96	<7.96	<7.96	<57.7	<1.15	<115	<14.4	<14.4	<5.77	<2.88	<2.88	<14.4	<2.88	<5.77	<2.88	<2.88	<1.15	<2.88	<2.88	<5.77	<28.8	<28.8	<1.15	<14.4	<5.77	<14.4	<2.88	<2.88	<5.77	<5.77	<5.77	<7.5	NA	NA
92513380	PMW 67 36-37	MW-67	12/21/2020	<6.21	<6.21	<6.21	<6.21	<62.1	<1.24	<124	<15.5	<15.5	<6.21	<3.1	<3.1	<15.5	<3.1	<6.21	<3.1	<3.1	<1.24	<3.1	<3.1	<6.21	<31	<31	<1.24	<15.5	<6.21	<15.5	<3.1	<3.1	<6.21	<6.21	<6.21	<8.07	NA	NA
92513380	PMW-67 36-37	MW-67	12/21/2020	<6.28	<6.28	<6.28	<6.28	<62.8	<1.26	<126	<15.7	<15.7	<6.28	<3.14	<3.14	<15.7	<3.14	<6.28	<3.14	<3.14	<1.26	<3.14	<3.14	<6.28	<31.4	<31.4	<1.26	<15.7	<6.28	<15.7	<3.14	<3.14	<6.28	<6.28	<6.28	<8.16	NA	NA
92513891	MW-68 30'-32'	MW-68	12/23/2020	<7.93	<7.93	<7.93	<7.93	<247	<12.4	<247	<12.4	<12.4	<12.4	<12.4	<12.4	<24.7	<12.4	<12.4	<12.4	<12.4	<12.4	<12.4	<12.4	<12.4	<49.4	<124	<12.4	<12.4	<12.4	<12.4	<12.4	<12.4	<12.4	<12.4	<12.4	<24.7	<24.7	<12.4
92512978	MW-69 (44'-46')	MW-69	12/15/2020	<6.61	**13.7**	**15.0**	**32.0**	<133	<6.7	<133	<6.7	<6.7	<6.7	<6.7	<6.7	<13.3	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<26.6	<66.6	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13.3	<13.3	<6.7
92514963	MW-71 (50-52)	MW-71	01/05/2021	<5.81	**22.2**	<5.81	**30.2**	<142	<7.1	<142	<7.1	<7.1	<7.1	<7.1	<7.1	<14.2	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<28.3	<70.8	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14.2	<14.2	<7.1
92521220	MW-74 (15'-17')	MW-74	02/06/2021	<7.79	<7.79	<7.79	<7.79	<77.9	<1.56	<156	<19.5	<19.5	<7.79	<3.89	<3.89	<19.5	<3.89	<7.79	<3.89	<3.89	<1.56	<3.89	<3.89	<7.79	<38.9	<38.9	<1.56	<19.5	<7.79	<19.5	<3.89	<3.89	<7.79	<7.79	<7.79	<10.1	NA	NA
92521220	MW-75 (30'-32')	MW-75	02/06/2021	<8.27	<8.27	<8.27	<8.27	<82.7	<1.65	<165	<20.7	<20.7	<8.27	<4.13	<4.13	<20.7	<4.13	<8.27	<4.13	<4.13	<1.65	<4.13	<4.13	<8.27	<41.3	<41.3	<1.65	<20.7	<8.27	<20.7	<4.13	<4.13	<8.27	<8.27	<8.27	<10.8	NA	NA
92521595	MW-76 (25'-27')	MW-76	02/10/2021	<6.42	<6.42	<6.42	<6.42	<61.5	<1.23	<123	<15.4	<15.4	<6.15	<3.07	<3.07	<15.4	<3.07	<6.15	<3.07	<3.07	<1.23	<3.07	<3.07	<6.15	<30.7	<30.7	<1.23	<15.4	<6.15	<15.4	<3.07	<3.07	<6.15	<6.15	<6.15	<7.99	<4.92	<3.07
92525140	MW-80 (20-22)	MW-80	03/02/2021	<7.940	<7.940	<7.940	<7.940	<78.3	<1.57	<157	<19.6	<19.6	<7.83	<3.92	<3.92	<19.6	<3.92	<7.83	<3.92	<3.92	<1.57	<3.92	<3.92	<7.83	<39.2	<39.2	<1.57	<19.6	<7.83	<19.6	<3.92	<3.92	<7.83	<7.83	<7.83	<10.2	<6.27	<3.92
92525771	MW-81 (15'-17')	MW-81	03/03/2021	<7.43	<7.43	<7.43	<7.43	<71.9	<1.44	<144	**96.3**	**49.2**	<7.19	<3.59	<3.59	<18.0	<3.59	**212**	<3.59	<3.59	<1.44	**9.39**	**43.7**	<7.19	<35.9	<35.9	<1.44	<18.0	**222**	<18.0	<3.59	<3.59	<7.19	**29.2**	<7.19	<9.35	**6.61**	<3.59
92525771	MW-82 (15'-17')	MW-82	03/03/2021	<7.27	<7.27	<7.27	<7.27	<90.5	<1.81	<181	**95.4**	**47.6**	<9.05	<4.53	<4.53	<22.6	<4.53	<9.05	<4.53	<4.53	<1.81	**6.20**	**37.5**	**18.4**	<45.3	<45.3	<1.81	<22.6	**170**	<22.6	<4.53	<4.53	<9.05	**31.4**	**18.5**	<11.8	<7.24	<4.53
92527131	MW-83 (40-42)	MW-83	03/05/2021	<6.02	<6.02	<6.02	<6.02	<60.3	<1.21	<121	<15.1	<15.1	<6.03	<3.01	<3.01	<15.1	<3.01	<6.03	<3.01	<3.01	<1.21	<3.01	<3.01	<6.03	<30.1	<30.1	<1.21	<15.1	<6.03	<15.1	<3.01	<3.01	<6.03	<6.03	<6.03	<7.83	<4.82	<3.01
92527131	MW-84 (20-22)	MW-84	03/06/2021	<8.34	<8.34	<8.34	<8.34	<80.3	<1.61	<161	<20.0	<20.0	<8.03	<4.02	<4.02	<20.0	<4.02	<8.03	<4.02	<4.02	<1.61	<4.02	<4.02	<8.03	<40.2	<40.2	<1.61	<20.0	<8.03	<20.0	<4.02	<4.02	<8.03	<8.03	<8.03	<10.4	<6.42	<4.02
92534559	MW-87_20210421	MW-87	05/06/2021	<3.6	<3.6	<3.6	<3.6	<122	<6.1	<122	<6.1	<6.1	<6.1	<6.1	<6.1	<12.2	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<24.5	<61.2	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12.2	<12.2	<6.1
92535726	MW-88 20-22_20210427	MW-88	04/27/2021	<5.7	<5.7	<5.7	<5.7	<183	<9.2	<183	<9.2	<9.2	<9.2	<9.2	<9.2	<18.3	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<36.6	<91.5	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<18.3	<18.3	<9.2
92535726	MW-88 50-52_20210427	MW-88	04/27/2021	<6.8	<6.8	<6.8	<6.8	<183	<9.2	<183	<9.2	<9.2	<9.2	<9.2	<9.2	<18.3	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<36.7	<91.7	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<18.3	<18.3	<9.2
92535726	MW-88 52-54_20210428	MW-88	04/27/2021	<4.5	<4.5	<4.5	<4.5	<190	<9.5	<190	<9.5	<9.5	<9.5	<9.5	<9.5	<19	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<38	<95	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<19	<19	<9.5
92536024	MW-89 38-40_20210429	MW-89	04/29/2021	<4.6	<4.6	<4.6	<4.6	<184	<9.2	<184	<9.2	<9.2	<9.2	<9.2	<9.2	<18.4	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<36.9	<92.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<18.4	<18.4	<9.2
92536024	MW-89 50-52_20210429	MW-89	04/29/2021	<4.1	<4.1	<4.1	<4.1	<177	<8.9	<177	<8.9	<8.9	<8.9	<8.9	<8.9	<17.7	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<35.5	<88.7	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<17.7	<17.7	<8.9
92536024	MW-89 52-54_20210429	MW-89	04/29/2021	<4.3	<4.3	<4.3	<4.3	<163	<8.2	<163	<8.2	<8.2	<8.2	<8.2	<8.2	<16.3	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<32.7	<81.7	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<16.3	<16.3	<8.2
92539536	PMW-90D (18'-20')	MW-90D	05/17/2021	**424**	**602**	**226**	**1,030**	**1,100J**	**291**	<,1360	**2,640**	<67.8	<67.8	<67.8	<67.8	<136	<67.8	<67.8	<67.8	<67.8	**71.0**	**9,200**	**1,570**	**2,120**	<271	**1,310**	<67.8	**5,300**	**5,470**	<67.8	<67.8	<67.8	<67.8	**8,520**	**36,700**	**8,890**	**58,800**	**40,000**	**18,800**
92539923	PMW-91D(14'-16')	MW-91D	05/18/2021	**2,820**	**1,800**	**439**	**4,620**	<4,360	**4,740**	<4,360	**6,530**	<218	<218	<218	<218	<436	<218	<218	<218	<218	**782**	**55,000**	**5,170**	**4,910**	<873	**6,440**	**114J**	**10,200**	<218	<218	<218	<218	**94,700**	**98,100**	<218	**320,000**	**226,000**	**94,800**
92492881	RW-4 (15-17.5) Duplicate	RW-4	08/27/2020	NA	NA	NA	NA	<95	<4.7	<95	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<19	<47.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	**5.1**	<4.7	<4.7	<9.5	<9.5	<4.7
92492881	RW-4 (15-17.5)	RW-04	08/27/2020	<7.53	<7.53	<7.53	<7.53	<95	<4.7	<95	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<19	<47.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5	<9.5	<4.7
92492881	RW-4 (20.22.5)	RW-04	08/27/2020	<7.37	<7.37	<7.37	<7.37	<88.1	<4.4	<88.1	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<4.4	<4.4	**4.6**	<4.4	<4.4	<17.6	<44	<4.4	**7.5**	<4.4	<4.4	<4.4	<4.4	**24.3**	**11.3**	<4.4	**24.9**	**14.6**	**10.2**
92493095	RW-5 (30-32.5)	RW-05	08/28/2020	**11.3**	**12.7**	<6.95	NA	<638	**1,470**	<638	**704**	<31.9	<31.9	<31.9	<31.9	<63.8	<31.9	<31.9	<31.9	<31.9	<31.9	**5,920**	**641**	**631**	<128	<319	<31.9	**2,010**	<31.9	<31.9	<31.9	<31.9	**18,800**	**14,800**	**4,260**	**32,400**	**23,100**	**9,320**
92493096	RW-6 (37.5-40)	RW-06	08/28/2020	**392**	**641**	**259**	NA	<1,570	**1,130**	<1,570	**2,990**	<78.5	<78.5	<78.5	<78.5	<157	<78.5	<78.5	<78.5	<78.5	<78.5	**14,200**	**1,890**	<78.5	<314	<785	<78.5	**10,100**	<78.5	<78.5	<78.5	<78.5	**29,800**	**53,100**	**14,900**	**83,600**	**58,000**	**25,700**
92493643	BH-02 (27.5-30)	RW-07	09/02/2020	**904**	**770**	**438**	**2,110**	<310	**457**	<310	<15.5	<15.5	<15.5	<15.5	<15.5	<31	<15.5	<15.5	<15.5	<15.5	**40.4**	**3,490**	<15.5	**488**	**89.6**	<155	<15.5	**1,980**	<15.5	<15.5	<15.5	<15.5	**7,530**	**10,900**	**2,950**	**21,500**	**14,700**	**6,760**
92493643	BH-02 (32.5-35)	RW-07	09/02/2020	**6,960**	**3,750**	**1,650**	**12,400**	<11,800	**24,400**	<11,800	<592	<592	<592	<592	<592	<1180	<592	<592	<592	<592	**1,280**	**147,000**	<592	<592	<2,370	<5,920	<592	**35,900**	<592	<592	<592	<592	**399,000**	**326,000**	**89,800**	**856,000**	**600,000**	**256,000**
92493136	RW-09_(22.5-25)	RW-09	08/30/2020	<7.38	<7.38	<7.38	NA	<108	**66.5**	<108	<5.4	<5.4	<5.4	<5.4	<5.4	<10.8	<5.4	<5.4	<5.4	<5.4	<5.4	**78.4**	<5.4	**12.9**	<21.7	<54.2	<5.4	**20.5**	<5.4	<5.4	<5.4	<5.4	**269**	**219**	**67.6**	**436**	**313**	**123**
92493992	RW-11 (25-27.5)	RW-11	09/02/2020	<6.72	<6.72	<6.72	<6.72	<67.2	**34**	<134	**23.5**	<16.8	<6.72	<3.36	<3.36	<16.8	<3.36	<6.72	<3.36	<3.36	**3.87**	**34.4**	**5.87**	<6.72	<33.6	<33.6	<1.34	<16.8	<6.72	<16.8	<3.36	<3.36	**224**	**27.7**	<6.72	<8.74	**131**	**46.1**
92493992	RW-11 (27.5-30)	RW-11	09/02/2020	**201**	**76.2**	**41.1**	**319**	<60.3	**912**	<121	**1,070**	**380**	<6.03	<3.01	<3.01	<15.1	<3.01	<6.03	<3.01	<3.01	<1.21	**4,260**	**839**	**248**	<30.1	<30.1	**8.16**	**1,770**	**1,640**	<15.1	<3.01	<3.01	**11,500**	**10,800**	**2,700**	**22,400**	**16,000**	**6,340**
92494609	BH-10 (10-12.5)	RW-18	09/04/2020	<8.49	<8.49	<8.49	<8.49	<152	<7.6	<152	<7.6	<7.6	<7.6	<7.6	<7.6	<15.2	<7.6	<7.6	<7.6	<7.6	<7.6	**12.4**	<7.6	<7.6	<30.5	<76.2	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	**58.5**	**18.8**	<7.6	**59.2**	**40.1**	**19.1**
92494609	BH-10 (22.5-25)	RW-18	09/04/2020	**344**	**711**	**311**	**1,060**	<2,860	**913**	<2,860	<143	<143	<143	<143	<143	<286	<143	<143	<143	<143	<143	**18,200**	<143	<143	<573	<1430	<143	**10,300**	<143	<143	<143	<143	**28,400**	**78,000**	**22,300**	**112,000**	**76,200**	**35,500**
92497664	RW-36 (22.5-25)	RW-36	09/27/2020	<6.78	<6.78	**2.39**	**2.39**	<146	<7.3	<146	<7.3	<7.3	<7.3	<7.3	<7.3	<14.6	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<29.1	<72.8	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<14.6	<14.6	<7.3
92497664	RW-37 (25-30)	RW-37	09/27/2020	<6.79	<6.79	**2.35**	**2.35**	<129	<6.4	<129	<6.4	<6.4	<6.4	<6.4	<6.4	<12.9	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.7	<64.3	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.9	<12.9	<6.4
92498670	RW-40@25-27.5	RW-40	10/03/2020	NA	NA	NA	NA	<116	<5.8	**55.1J**	<5.8	<5.8	<5.8	<5.8	<5.8	<11.6	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	**47.2**	<57.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<11.6	<11.6	<5.8
92509149	PMW-11@ (46'-48')	RW-48	11/30/2020	**113**	**284**	**321**	**397**	<130	**32.2**	<130	**465**	<6.5	<6.5	<6.5	<6.5	<13	<6.5	<6.5	<6.5	<6.5	<6.5	**705**	**157**	<6.5	<26	**167**	<6.5	**1,680**	**662**	<6.5	<6.5	<6.5	**798**	**5,990**	**1,720**	**3,930**	**2,560**	**1,380**
92518156	RW-51(45-47)	RW-51	01/18/2021	**1,290**	**1,280**	**589**	**3,160**	<5,370	**7,260**	<10,700	**6,670**	**2,510**	<537	<269	<269	<1340	<269	<537	<269	<269	**513**	**57,700**	**6,650**	**1,440**	<2,690	<2,690	<107	**18,500**	**25,400**	<1,340	<269	<269	**136,000**	**133,000**	**43,000**	**310,000**	NA	NA
92518156	RW-52(30-32)	RW-52	01/18/2021	**2,640**	**2,360**	**709**	**5,720**	<15,700	**60,100**	<31,500	**4,580**	<3,930	<1570	<787	<787	<3930	<787	<1,570	<787	<787	**1,700**	**140,000**	**10,000**	<1,570	<7,870	<7,870	<315	**38,200**	**35,700**	<3,930	<787	<787	**681,000**	**186,000**	**50,200**	**703,000**	NA	NA
92520906	HCW-24	HCW-24	02/06/2021	**7.11**	<5.64	<5.64	**7.11**	<56.6	<1.13	<113	<14.1	<14.1	<5.66	<2.83	<2.83	<14.1	<2.83	<5.66	<2.83	<2.83	<1.13	<2.83	<2.83	<5.66	<28.3	<28.3	<1.13	<14.1	<5.66	<14.1	<2.83	<2.83	<5.66	<5.66	<5.66	<7.36	NA	NA
92537163	RW-63 40-42	RW-63	05/05/2021	**19,200**	**18,200**	**5,130**	**37,500**	<30,400	**21,700**	<30,400	**55,100**	<1,520	<1520	<1,520	<1520	<3040	<1,520	<1,520	<1520	<1,520	**4,760**	**440,000**	**48,500**	**49,900**	<6,090	**26,200**	<1,520	**130,000**	**184,000**	<1,520	<1,520	<1,520	**813,000**	**1,110,000**	**323,000**	**2,660,000**	**1,850,000**	**808,000**
92537163	RW-63 42-44	RW-63	05/05/2021	**26,400**	**20,000**	**5,630**	**46,300**	<34,900	**50,500**	<34,900	**61,300**	<1,750	<1750	<1,750	<1750	<3490	<1,750	<1,750	<1750	<1,750	**10,900**	**578,000**	**61,700**	**57,500**	<6,980	<17,500	<1,750	**174,000**	**222,000**	<1,750	<1,750	<1,750	**1,230,000**	**1,370,000**	**395,000**	**3,450,000**	**2,400,000**	**1,050,000**
92537482	RW-64 10-12_20210506	RW-64	05/06/2021	**100**	**97.0**	**27.4**	**197**	<221	**1,280**	<221	<11.1	<11.1	<11.1	<11.1	<11.1	<22.1	<11.1	<11.1	<11.1	<11.1	**239**	**1230**	**72.0**	**56.4**	<44.2	<111	<11.1	**169**	**246**	<11.1	<11.1	<11.1	**8,030**	**1,630**	<11.1	**7,460**	**5,220**	**2,250**
92537482	RW-64 20-22_20210506	RW-64	05/06/2021	**8,610**	**6,760**	**1,600**	**15,400**	<11,800	**13,700**	<11,800	**17,800**	<591	<591	<591	<591	<1180	<591	<591	<591	<591	**1,430**	**182,000**	**17,200**	**15,900**	<2,370	**14,600**	<591	**36,900**	**62,500**	<591	<591	<591	**411,000**	**351,000**	**101,000**	**1,060,000**	**751,000**	**314,000**
92537482	RW-65 4-6_20210506	RW-65	05/06/2021	**18.2**	<6.3	<6.3	**21.4**	<264	**889**	<264	<13.2	<13.2	<13.2	<13.2	<13.2	<26.4	<13.2	<13.2	<13.2	<13.2	**34.8**	**270**	<13.2	<13.2	<52.8	<132	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	**3,210**	**91.7**	<13.2	**1,340**	**967**	**368**
92537482	RW-65 20-22_20210506	RW-65	05/06/2021

Table 2
Summary of Delineation Soil Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																														
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene
Soil-to-Water MSCCs				68	540	31	NE	24,000	7.2	16,000	2,400	2,200	1,700	440	340	14	NE	280	30	1.9	320	8,000	1,300	120	23	420	85	200	1,400	900	4	5.0	6,600	6,600	6,000	NE	NE
Residential MSCCs				625	1,560	469	NE	14,000,000	12,000	9,380,000	782,000	1,560,000	1,560,000	312,000	21,000	51,000	NE	312,000	116,000	7,290	NE	60,300	1,560,000	1,560,000	93,800	1,250,000	156,000	5,500	1,560,000	3,120,000	25,200	93,800	1,250,000	156,000	156,000	3,120,000	NE	NE
Industrial / Commercial MSCCs				9,340	23,300	7,000	NE	210,000,000	59,400	140,000,000	11,600,000	23,300,000	23,300,000	4,670,000	105,000	251,000	NE	4,670,000	573,000	35,900	2,330,000	297,000	23,300,000	23,300,000	1,400,000	18,600,000	1,810,000	27,000	23,300,000	46,700,000	125,000	1,400,000	18,600,000	2,330,000	2,330,000	46,700,000	NE	NE
92541460	RW-69 34-35_20210528	RW-69	05/28/2021	**24,200**	**27,400**	**8,030**	**51,600**	<30,200	**28,800**	<30,200	**35,800**	<1,510	<1,510	<1,510	<1510	<3020	<,1510	<1,510	<1,510	<1,510	**1,980**	**331,000**	**34,200**	**34,100**	<6,040	<15,100	<1,510	**92,500**	<1,510	<1,510	<1,510	<1,510	**762,000**	**823,000**	**203,000**	**1,920,000**	**1,350,000**	**567,000**
92554243	RW-70 46-48_20210806	RW-70	08/06/2021	**15,200**	**4,120**	**1,770**	**21,100**	<40,500	**130,000**	<40,500	<2,030	<2,030	<2,030	<2,030	<2,030	<2,030	<2,030	<2,030	<2,030	<2,030	**7,130**	**297,000**	<2,030	<2,030	<8,110	<20,300	<2,030	**87,300**	<2,030	**13,200**	<2,030	<2,030	**1,270,000**	**557,000**	**151,000**	**1,480,000**	**1,030,000**	**442,000**
92551500	RW-71_20210721	RW-71	07/21/2021	<4.9	<4.9	<4.9	<4.9	<124	**11.2**	<124	<6.2	<6.2	<6.2	<6.2	<6.2	<12.4	<6.2	<6.2	<6.2	<6.2	<6.2	**28.6**	**3.6J**	<6.2	<24.7	<61.9	<6.2	**4.6J**	<6.2	<6.2	<6.2	<6.2	**79.0**	**56.0**	**19.1**	**152**	**113**	**38.7**
92551500	RW-72 (54-56)_20210721	RW-72	07/21/2021	<5.3	<5.3	<5.3	<5.3	<111	<5.6	<111	<5.6	<5.6	<5.6	<5.6	<5.6	<11.1	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<22.2	<55.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	**3.9J**	<5.6	<5.6	<11.1	<11.1	<5.6
92551964	RW-73 (54-56)_20210727	RW-73	07/27/2021	<2.9	<2.9	<2.9	<2.9	<111	<5.5	<111	<5.5	<5.5	<5.5	<5.5	<5.5	<11.1	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<22.2	<55.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**3J**	<5.5	<5.5	<11.1	<11.1	<5.5
92553562	RW-74 70-72_20210802	RW-74	08/02/2021	**207**	**42.1**	**14.7**	**264**	<124	**155**	<124	**60.1**	<6.2	<6.2	<6.2	<6.2	<12.4	<6.2	<6.2	<6.2	<6.2	**52.6**	**548**	**51.4**	**49.1**	<24.9	<62.2	<6.2	**97.5**	**187**	**21.2**	<6.2	<6.2	**1,330**	**1,010**	**283**	**2,770**	**2,020**	**746**
92553562	RW-75 50-52_20210803	RW-75	08/03/2021	<3.6	<3.6	<3.6	<3.6	<137	<6.8	<137	<6.8	<6.8	<6.8	<6.8	<6.8	<13.7	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<27.4	<68.4	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	**4.7J**	<6.8	<6.8	<13.7	<13.7	<6.8
92553633	RW-76_20210804	RW-76	08/04/2021	<4.6	<4.6	<4.6	<4.6	<169	<8.4	<169	<8.4	<8.4	<8.4	<8.4	<8.4	<16.9	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<33.7	<84.3	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	**6.1J**	<8.4	<8.4	<16.9	<16.9	<8.4
92555328	RW-77 (38-40)_20210811	RW-77	08/11/2021	**31.9**	**18.3**	<3.2	**51.3**	<122	**106**	<122	<6.1	<6.1	<6.1	<6.1	<6.1	<12.2	<6.1	<6.1	<6.1	<6.1	**47.0**	**81.1**	<6.1	**17.8**	<24.3	<60.8	<6.1	**132**	<6.1	<6.1	<6.1	<6.1	**364**	**238**	<6.1	**440**	**265**	**175**
92555328	RW-77 (54-46)_20210811	RW-77	08/11/2021	**7.8**	**5.2**	<3	**13.1**	<108	**46.1**	<108	<5.4	<5.4	<5.4	<5.4	<5.4	<10.8	<5.4	<5.4	<5.4	<5.4	**40.3**	**7.9**	<5.4	<5.4	<21.6	<53.9	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	**81.9**	**21.5**	**6.8**	**49.8**	**33.1**	**16.7**
92555491	RW-78 (14'-16')_20210813	RW-78	08/13/2021	<3.7	<3.7	<3.7	<3.7	<152	<7.6	<152	<7.6	<7.6	<7.6	<7.6	**6.1J**	<15.2	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<30.4	<76	<7.6	**12.5**	<7.6	<7.6	<7.6	<7.6	**8.6**	**29.8**	**10.0**	**31.7**	**21.0**	**10.8**
92555491	RW-78 (38-40')_20210813	RW-78	08/13/2021	<3.1	<3.1	<3.1	<3.1	<129	<6.4	<129	<6.4	<6.4	<6.4	<6.4	**4.5J**	<12.9	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.8	<64.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.9	<12.9	<6.4
92555491	RW-78 (54-56')_20210813	RW-78	08/13/2021	<3.0	<3.0	<3.0	<3.0	<113	**12.2**	<113	<5.6	<5.6	<5.6	<5.6	**4.1J**	<11.3	<5.6	<5.6	<5.6	<5.6	**3.2J**	<5.6	<5.6	<5.6	<22.6	<56.4	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	**28.0**	<5.6	<5.6	**8.3J**	**8.3J**	<5.6
92556482	MW-89D (10-12')	MW-89D	08/18/2021	<3.2	<3.2	<3.2	**3.2**	**64.5J**	**7.2**	<125	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<6.3	<6.3	<6.3	<6.3	**3.7J**	**9.7**	<6.3	<6.3	**56.8**	<62.6	<6.3	**5.7J**	<6.3	<6.3	<6.3	<6.3	**64.1**	<6.3	<6.3	**31.7**	**31.7**	<6.3
92556482	MW-89D (22-24')	MW-89D	08/18/2021	<3.1	<3.1	<3.1	<3.1	<124	**6.4**	<124	<6.2	<6.2	<6.2	<6.2	<6.2	<12.4	<6.2	<6.2	<6.2	<6.2	**3.8J**	<6.2	<6.2	<6.2	<24.9	<62.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	**24.0**	**9.4**	<6.2	**26.5**	**18.4**	**8.0**
92556482	MW-89D (32-34')*	MW-89D	08/18/2021	**3.8**	<3	<3	**6.3**	<123	**51.9**	<123	**79.9**	<6.2	<6.2	<6.2	<6.2	<12.3	<6.2	<6.2	<6.2	<6.2	**6.6**	**468**	<6.2	**59.6**	<24.6	<61.6	<6.2	**129**	**195**	<6.2	<6.2	<6.2	**973**	**1,200**	**336**	**2,360**	**1,710**	**644**
92558402	RW-80 (28-30')	RW-80	08/26/2021	**3,260**	**1,370**	**496**	**5,120**	<3,480	**4,640**	<3,480	**4,960**	<174	<174	**172J**	<174	<348	<174	<174	<174	<174	**310**	**42,400**	**4,380**	**3,660**	<696	**5,810**	<174	**11,100**	**17,000**	<174	<174	<174	**118,000**	**94,200**	**26,900**	**235,000**	**169,000**	**66,300**
92558402	RW-80 (36-38')*	RW-80	08/26/2021	**2,510**	**949**	**354**	**3,810**	<3,360	**7,880**	<3,360	**3,590**	<168	<168	**110J**	<168	<336	<168	<168	<168	<168	**499**	**36,100**	**3,650**	**3,160**	<671	**4,490**	<168	**10,100**	**14,000**	<168	<168	<168	**121,000**	**79,200**	**22,200**	**201,000**	**143,000**	**57,700**
92558405	RW-81(28-30')*	RW-81	08/27/2021	**2,650**	**1,580**	**642**	**4,870**	<4,100	**2,840**	<4,100	**5,920**	<205	<205	**142J**	<205	<410	<205	<205	<205	<205	**256**	**33,400**	**4,160**	**3,920**	<819	**5,510**	<205	**13,300**	**16,500**	<205	<205	<205	**77,700**	**99,500**	**27,800**	**193,000**	**136,000**	**57,300**
92558405	RW-81(34-36')*	RW-81	08/27/2021	**3,590**	**1,160**	**447**	**5,200**	<3,620	**8,280**	<3,620	**4,810**	<181	<181	**141J**	<181	<362	<181	<181	<181	<181	**621**	**35,000**	**3,730**	**3,450**	<724	**5,190**	<181	**10,700**	**14,500**	<181	<181	<181	**113,000**	**84,500**	**23,600**	**196,000**	**139,000**	**56,800**
92558727	RW-82 (32-34')*	RW-82	08/30/2021	**988**	**687**	**279**	**1,950**	<1,650	**631**	<1,650	**3,920**	<82.6	<82.6	**98.7**	<82.6	<165	<82.6	<82.6	<82.6	<82.6	<82.6	**17,400**	**2,420**	**3,090**	<330	**2,170**	<82.6	**9,910**	**10,500**	<82.6	<82.6	<82.6	**30,300**	**65,900**	**19,200**	**107,000**	**73,500**	**33,200**
92558727	RW-82 (42-44)*	RW-82	08/31/2021	<3.6	<3.6	<3.6	<3.6	**148**	**29.2**	**87.1J**	<6.6	<6.6	<6.6	<6.6	<6.6	<13.3	<6.6	<6.6	<6.6	<6.6	**44.3**	**5.1J**	<6.6	<6.6	<26.5	<66.3	**34.9**	<6.6	<6.6	<6.6	<6.6	<6.6	**33.3**	**4.5J**	<6.6	**19.8**	**12.1J**	**7.6**
92559635	MW-26R (46-48')*	MW-26R	09/03/2021	**182**	**82.1**	**33.4**	**298**	<291	**580**	<291	**322**	<14.6	<14.6	**7.8J**	<14.6	<29.1	<14.6	<14.6	<14.6	<14.6	**120**	**2,500**	**253**	**241**	<58.2	**268**	<14.6	**681**	**939**	<14.6	<14.6	<14.6	**7,220**	**5,260**	**1,480**	**14,300**	**10,300**	**3,980**
92559635	MW-26R (52-54')*	MW-26R	09/03/2021	**9.3**	**8.3**	<3.3	**18.7**	<1,550	**2,630**	<1550	**4,560**	<77.4	<77.4	**113**	<77.4	<155	<77.4	<77.4	<77.4	<77.4	**219**	**31,000**	**3,430**	**3,610**	<309	**3,860**	<77.4	**8,870**	**13,200**	<77.4	<77.4	<77.4	**71,400**	**75,600**	**21,100**	**180,000**	**128,000**	**52,700**
92560935	MW-22R (34-36)*	MW-22R	09/10/2021	**763**	**526**	**198**	**1,490**	<1,420	**1,340**	<1420	**3,680**	<70.9	<70.9	**81.7**	<70.9	<142	<70.9	<70.9	<70.9	<70.9	**65.6J**	**22,500**	<70.9	**2,820**	<284	**2,420**	<70.9	**7,870**	**10,500**	<70.9	<70.9	<70.9	**46,300**	**60,700**	**18,100**	**136,000**	**94,700**	**41,100**
92560989	MW-22R (40-42)*	MW-22R	09/13/2021	<3	<3	<3	<3	<125	**36.2**	<125	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<6.3	<6.3	<6.3	<6.3	**20.6**	**15.6**	<6.3	<6.3	**19.1J**	<62.6	**4.4J**	**3.7J**	<6.3	<6.3	<6.3	<6.3	**101**	**10.1**	<6.3	**73.8**	**52.1**	**21.8**
92561548	RW-83 (24-26)	RW-83	09/14/2021	**1,400**	**1,110**	**341**	**2,500**	<6,370	**3,890**	<6370	**6,890**	<318	**19,900**	**187J**	<318	<637	<318	<318	<318	<318	**278J**	**62,800**	**6,740**	**6,310**	<1270	**5,070**	<318	**16,400**	**23,800**	<318	<318	<318	**133,000**	**131,000**	**38,200**	**374,000**	**262,000**	**112,000**
92562698	MW-4D (30-32)*	MW-4D	09/17/2021	<7,010	<7,010	<7,010	<7,010	<70.1	<1.4	<140	<17.5	<17.5	<7.01	<3.5	<3.5	<17.5	<3.5	<7.01	<3.5	<3.5	<1.4	<3.5	<3.5	<7.01	<35	<35	<1.4	<17.5	**1.89J**	**1.6J**	<3.5	<3.5	**4.18J**	**4.95J**	<7.01	**8.06J**	**5.87**	**2.19J**
92562698	MW-4D (65-67)*	MW-4D	09/20/2021	**3,000J**	<6,200	<6,200	**3,000J**	<62	<1.24	<124	<15.6	<15.6	<6.20	<3.1	<3.1	<15.6	<3.1	<6.20	<3.1	<3.1	<1.24	<3.1	<3.1	<6.20	**8.52J**	<31	**1.61**	<15.6	<6.20	<15.6	<3.1	<3.1	<6.20	<6.20	<6.20	<8.06	<4.96	<3.1
92563637	MW-96 (16-18')*	MW-96	09/27/2021	**3,640J**	<7,530	<7,530	**3,640J**	<75.1	<1.5	<150	<18.8	<18.8	<7.51	<3.75	<3.75	<18.8	<3.75	<7.51	<3.75	<3.75	<1.5	<3.75	<3.75	<7.51	<37.5	<37.5	<1.5	<18.8	<7.51	<18.8	<3.75	<3.75	<7.51	<7.51	<7.51	3.75	6	9.76
92563977	MW-96 (56-58)_20210928	MW-96	09/28/2021	**3,330J**	**2,280J**	<6,680	**5,610J**	<64.5	<1.29	<129	<16.1	<16.1	<6.45	<3.23	<3.23	<16.1	<3.23	<6.45	<3.23	<3.23	<1.29	<3.23	<3.23	<6.45	<32.3	<32.3	<1.29	<16.1	<6.45	<16.1	<3.23	<3.23	<6.45	<6.45	<6.45	<8.38	<5.16	<3.23
92565181	MW-97 (20-22)_20211005	MW-97	10/05/2021	<4.3	<4.3	<4.3	<4.3	<82.3	<1.65	<165	<20.6	<20.6	<8.23	<4.12	<4.12	<20.6	<4.12	<8.23	<4.12	<4.12	<1.65	<4.12	<4.12	<8.23	<41.2	<41.2	<1.65	<20.6	<8.23	<20.6	<4.12	<4.12	**4.25J**	<8.23	<8.23	<10.7	<6.58	<4.12
92565181	MW-97 (60-62)_20211005	MW-97	10/05/2021	<3.2	<3.2	<3.2	<3.2	<65.2	<1.3	<130	<16.3	<16.3	<6.52	<3.27	<3.27	<16.3	<3.27	<6.52	<3.27	<3.27	<1.3	<3.27	<3.27	<6.52	<32.7	<32.7	<1.3	<16.3	<6.52	<16.3	<3.27	<3.27	<6.52	<6.52	<6.52	<8.49	<5.22	<3.27
92566390	RW-84 (9-11)_20211012	RW-84	10/12/2021	**49.4**	**31.8**	**8.5**	**89.7**	<74.3	**2,320**	<149	**84.8**	**43.1**	<7.43	<3.71	<3.71	<18.6	<3.71	<7.43	<3.71	<3.71	**817**	**2,410**	**156**	**25**	<37.1	<37.1	**165**	**236**	**576**	<18.6	<3.71	<3.71	**13,700**	**3,050**	**820**	**13,800**	**9,400**	**4,370**
92566390	RW-84 (14-16)_20211012	RW-84	10/12/2021	**577**	**358**	**121**	**1,060**	<543	**3,690**	<1,090	**1,600**	**575**	<54.3	<27.1	<27.1	<136	<27.1	<54.3	<27.1	<27.1	**687**	**17,400**	**1,520**	**394**	<271	<271	**117**	**5,040**	**5,320**	<136	<27.1	<27.1	**33,300**	**20,500**	**7,980**	**57,500**	**40,400**	**17,100**
92566390	RW-84 (48-50)_20211012	RW-84	10/12/2021	**1,160**	**858**	**396**	**2,410**	<2,370	**5,050**	<4,730	**5,290**	**1,810**	<237	<118	<118	<592	<118	<237	<118	<118	**602**	**38,500**	**4,280**	**1,070**	<1,180	<1,180	**151**	**14,000**	**17,200**	<592	<118	<118	**78,300**	**110,000**	**27,200**	**209,000**	**146,000**	**64,400**
92566639	RW-85 (15-17)_20211013	RW-85	10/13/2021	**4,290**	**3,030**	**1,220**	**8,550**	<77.2	**18.7**	<154	**607**	**208**	<7.72	<3.86	<3.86	<19.3	<3.86	<7.72	<3.86	<3.86	<1.54	**2,790**	**483**	**126**	<38.6	<38.6	<1.54	**1,450**	**1,870**	<19.3	<3.86	<3.86	**2,840**	**6,790**	**2,950**	**14,200**	**9,660**	**4,540**
92566639	RW-85 (40-42)_20211013*	RW-85	10/13/2021	**5,380**	**3,730**	**1,650**	**10,800**	<1,470	**14,100**	<2,940	**23,400**	**8,780**	83.9J	<73.6	<73.6	<368	<73.6	<147	<73.6	<73.6	**1,200**	**136,000**	**19,400**	**4,770**	<736	<736	**285**	**60,800**	**69,300**	<368	<73.6	<73.6	**309,000**	**409,000**	**103,000**	**815,000**	**591,000**	**224,000**
92567147	RW-86 (16-18)_20211014	RW-86	10/14/2021	**4,870**	**2,900**	**1,070**	**8,840**	<16,200	**21,000**	<16,200	**19,100**	<811	<811	<811	<811	<1620	<811	<811	<811	<811	**1,580**	**169,000**	**16,400**	**15,800**	<3,240	**9,170**	<811	**37,300**	**60,000**	<811	<811	<811	**445,000**	**342,000**	**88,800**	**982,000**	**699,000**	**284,000**
92567147	RW-86 (34-36)_20211014	RW-86	10/14/2021	**13.7**	**5.6**	<3.5	**19.3**	<144	624	<144	<7.2	<7.2	<7.2	<7.2	<7.2	<14.4	<7.2	<7.2	<7.2	<7.2	**128**	**439**	**16.9**	**6.8J**	<28.8	<72	<7.2	**7.3**	**40.6**	<7.2	<7.2	<7.2	**3,560**	**182**	**53.5**	**2,360**	**1,640**	**716**
92567264	RW-87 (12-14)_20211015	RW-87	10/15/2021	**1,240**	**888**	**426**	**2,560**	<5,070	**14,300**	<5,070	**6,630**	<254	<254	<254	<254	<507	<254	<254	<254	<254	**871**	**57,300**	**6,080**	**6,260**	<1,010	**3,780**	<254	**15,300**	**22,400**	<254	<254	<254	**185,000**	**130,000**	**38,700**	**329,000**	**233,000**	**95,600**
92567264	RW-87 (34-36)_20211015	RW-87	10/15/2021	**13,600**	**6,080**	**2,410**	**22,100**	<39,000	**119,000**	<39,000	**34,800**	<1,950	<1,950	<1,950	<1,950	<3,900	<1,950	<1,950	<1,950	<1,950	**7,880**	**438,000**	**38,600**	**31,400**	<7,800	<19,500	<1,950	**82,400**	**138,000**	<1,950	<1,950	<1,950	**1,460,000**	**765,000**	**228,000**	**2,430,000**	**1,740,000**	**686,000**
92567407	RW-88 (12-14)_20211018	RW-88	10/18/2021	**877**	**645**	**243**	**1,770**	**2,460J**	**6,510**	<3,060	**2,530**	<153	<153	<153	<153	<306	<153	<153	<153	<153	**364**	**20,900**	**2,280**	**2,280**	<612	**1,630**	<153	**6,270**	**8,220**	<153	<153	<153	**66,700**	**48,700**	**14,600**	**119,000**	**84,700**	**34,400**
92567407	RW-88 (34-36)_20211018	RW-88	10/18/2021	**9,450**	**4,850**	**1,900**	**16,200**	<103,000	**332,000**	<103,000	**49,100**	<5,160	<5,160	<5,160	<5,160	<10,300	<5,160	<5,160	<5,160	<5,160	**19,800**	**793,000**	**63,800**	**48,600**	<20,600	<51,600	<5,160	**135,000**	**228,000**	<5,160	<5,160	<5,160	**3,210,000**	**1,250,000**	**408,000**	**4,370,000**	**3,150,000**	**1,210,000**
92567704	RW-89 (22-24)_20211019	RW-89	10/19/2021	**5,790**	**2,620**	**1,050**	**9,460**	<36,400	**56,800**	<36,400	**21,900**	<1,820	<1,820	<1,820	<1,820	<3,640	<1,820	<1,820	<1,820	<1,820	**3,050**	**227,000**	**21,100**	**18,700**	<7,280	**14,000J**	<1,820	**44,200**	**80,700**	<1,820	<1,820	<1,820	**855,000**	**447,000**	**131,000**	**1,220,000**	**887,000**	**333,000**
92567704	RW-89 (32-34)_20211019	RW-89	10/19/2021	**1,820**	**1,670**	**670**	**4,160**	<5,750	**13,300**	<5,750	**13,100**	<288	<288	**321**	<288	<575	<288	<288	<288	<288	**879**	**112,000**	**12,400**	**12,300**	<1,150	**9,370**	**214J**	**30,800**	**45,900**	<288	<288	<288	**266,000**	**261,000**	**77,900**	**640,000**	**449,000**	**191,000**
92568134	RW-90 (16-18)_20211020	RW-90	10/20/2021	**96.4**	**27.2**	**8.4**	**132**	<301	**555**	<301	**335**	<15	<15	**7.8J**	<15	<30.1	<15	<15	<15	<15	**84**	**3,110**	**298**	**265**	<60.2	**240**	<15	**664**	**1,050**	<15	<15	<15	**9,440**	**5,710**	**1,610**	**17,200**	**12,400**	**4,830**
92568134	RW-90 (52-54)_20211020	RW-90	10/20/2021	**46.3**	**40.9**	**16.4**	**104**	<298	**1,060**	<298	**353**	<14.9	<14.9	<14.9	<14.9	<29.8	<14.9	<14.9	<14.9	<14.9	**562**	**2,740**	**274**	**314**	**81**	<149	**97**	**992**	**967**	<14.9	<14.9	<14.9	**10,200**	**6,480**	**1,750**	**16,900**	**11,200**	**5,690**
92568516	RW-91 (18-20)_20211022	RW-91	10/22/2021	**19.3**	**7.0**	<3.6	**28.0**	<140	**1,000**	<140	**30.7**	<7	<7	<7	<7	<14	<7	<7	<7	<7	**256**	**558**	**37**	**27**	<28	<70	**18**	**104**	**128**	<7	<7	<7	**4,090**	**801**	**232**	**3,210**	**2,160**	**1,050**
92568516	RW-98 (42-44)_20211022*	RW-91	10/22/2021	**624**	**514**	**354**	**1,490**	<1,480	**826**	<1,480	<73.9	<73.9	<73.9	<73.9	<73.9	<148	<73.9	<73.9	<73.9	<73.9	**186**	**12,100**	<73.9	<73.9	<295	<739	<73.9	**7,640**	**7,760**	<73.9	<73.9	<73.9	**20,400**	**50,000**	**15,100**	**72,500**	**50,000**	**22,500**
92569063	RW-92 (16-18)_20211026	RW-92	10/26/2021	**937**	**521**	**443**	**1,900**	**13,600**	**271**	<3,720	**6,830**	<186	<186	149J	<186	<372	<186	<186	<186	<186	**248**	**19,900**	**4,140**	**6,260**	<745	**3,390**	<186	**21,600**	**15,100**	<186	<186	<186	**14,300**	**106,000**	**30,400**	**137,000**	**89,400**	**47,800**
92569063	RW-92 (62-64)_20211026*	RW-92	10/26/2021	<3.2	<3.2	<3.2	<3.2	<146	**4.4J**	<146	**7.7**	<7.3	<7.3	<7.3	<7.3	<14.6	<7.3	<7.3	<7.3	<7.3	<7.3	**25**	**4J**	**6.9J**	<29.1	<72.8	<7.3	**5.7J**	**17**	<7.3	<7.3	<7.3	**42**	**79**	**26**	**131**	**98**	**34**
92568326	PRW-A_20211021	N/A	10/21/2021	**1,650**	**1,390**	**674**	**3,720**	<1,450	**1,970**	<1,450	**3,770**	<72.6	<72.6	97.5	<72.6	<145	<72.6	<72.6	<72.6	<72.6	**120**	**23,000**	**2,720**	**3,200**	<290	**2,260**	<72.6	**9,300**	**11,400**	<72.6	<72.6	<72.6	**50,100**	**67,800**	**20,900**	**133,000**	**94,000**	**39,100**
92547162	AS-21 (18-20)_20210630	AS-21	06/30/2021	**14.1**	**7.3**	<4.4	**22.9**	<156	<7.8	<156	<7.8	<7.8	<7.8	<7.8	<7.8	<15.6	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<31.2	<77.9	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<15.6	<15.6	<7.8
92547162	AS-22 (18-20)_20210630	AS-22	06/30/2021	<4.9	<4.9	<4.9	**6.8**	<168	<8.4	<168	<8.4	<8.4	<8.4	<8.4	<8.4	<16.8	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<33.6	<84.1	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<16.8	<16.8	<8.4
92546499	Whitby SB-17 (25-27')*	PV-17	06/25/2021	**6,250**	**3,400**	**1,500**	**11,200**	<9,740	**5,740**	<9,740	**13,200**	<487	<487	<487	<487	<974	<487	<487	<487	<487	**97,300**	<487	**13,500**	<1,950	<4,870	<487	**36,900**	<487	<487	<487	<487	**186,000**	**299,000**	**78,500**	**531,000**	**373,000**	**158,000**
92546573	Whitby-SB-17B (25-27')*	PV-17	06/25/2021	<3.5	<3.5	<3.5	<3.5	<135	<6.8	<135	<6.8	<6.8	<6.8	<6.8	<6.8	<13.5	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<27	<67.6	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	**6.1J**	<6.8	<6.8	<13.5	<13.5	<6.8
92547162	PV-17 (20-22)_20210630	PV-17	06/30/2021	**37**	**14**	<4	**54**	<160	<8.0	<160	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<32	<80.1	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<16.0	<16.0	<8.0
Soil Delineation Samples (Area A)																																						
92543915	BA2 (0.75'-2.00')	N/A	06/10/2021	<6.6	<6.6	<6.6	<6.6	<148	<7.4	<148	<7.4	<7.4	<7.4	<7.4	<7.4	<14.8	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<29.7	<74.1	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	**25.0**	**5.8J**	<7.4	**33.5**	**26.3**	**7.1J**
92543915	BA2 (18'-20')	N/A	06/10/2021	**18.7**	<5.0	<5.0	**19.7**	<175	**7.2J**	<175	<8.7	<8.7	<8.7	<8.7	<8.7	<17.5	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<34.9	<87.3	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	**28.2**	<8.7	<8.7	**15.1J**	**15.1J**	<8.7
92543943	BA2(32-34')*	N/A	06/10/2021	**1,390**	**1,190**	**322**	**2,580**	**1,980**	**1,320**	<1,860	**2,600**	<93.2	<93.2	**57.4J**	<93.2	<186	<93.2	<93.2	<93.2	<93.2	**19,600**	**2,120**	**2,410**	<373	<932	<93.2	**6,600**	<93.2	<93.2	<93.2	<93.2	**34,500**	**48,300**	**13,300**	**108,000**	**75,100**	**33,100**
92543915	BB2 (0.75'-2.00')	N/A	06/10/2021	**8.6**	**5.5**	<5.1	**14.1**	<183	**142**	<183	**15.7**	<9.1	<9.1	<9.1	<9.1	<18.3	<9.1	<9.1	<9.1	<9.1	**5.2J**	**394**	**23.0**	**13.9**	<36.6	<91.4	<9.1	**51.4**	<9.1	<9.1	<9.1	<9.1	**1,610**	**436**	<9.1	**1,980**	**1,390**	**595**
92543915	BB2 (10.0'-12.0')	N/A	06/10/2021	<5.5	<5.5	<5.5	<5.5	<228	<11.4	<228	<11.4	<11.4	<11.4	<11.4	<11.4	<22.8	<11.4	<11.4	<11.4

Table 2
Summary of Delineation Soil Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																														
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene
Soil-to-Water MSCCs				**68**	**540**	**31**	**NE**	**24,000**	**7.2**	**16,000**	**2,400**	**2,200**	**1,700**	**440**	**340**	**14**	**NE**	**280**	**30**	**1.9**	**320**	**8,000**	**1,300**	**120**	**23**	**420**	**85**	**200**	**1,400**	**900**	**4**	**5.0**	**5,400**	**6,600**	**6,600**	**6,000**	**NE**	**NE**
Residential MSCCs				**625**	**1,560**	**469**	**NE**	**14,000,000**	**12,000**	**9,380,000**	**782,000**	**1,560,000**	**1,560,000**	**312,000**	**21,000**	**51,000**	**NE**	**312,000**	**116,000**	**7,290**	**NE**	**60,300**	**1,560,000**	**1,560,000**	**93,800**	**1,250,000**	**156,000**	**5,500**	**1,560,000**	**3,120,000**	**25,200**	**93,800**	**1,250,000**	**156,000**	**156,000**	**3,120,000**	**NE**	**NE**
Industrial / Commercial MSCCs				**9,340**	**23,300**	**7,000**	**NE**	**210,000,000**	**59,400**	**140,000,000**	**11,600,000**	**23,300,000**	**23,300,000**	**4,670,000**	**105,000**	**251,000**	**NE**	**4,670,000**	**573,000**	**35,900**	**2,330,000**	**297,000**	**23,300,000**	**23,300,000**	**1,400,000**	**18,600,000**	**1,810,000**	**27,000**	**23,300,000**	**46,700,000**	**125,000**	**1,400,000**	**18,600,000**	**2,330,000**	**2,330,000**	**46,700,000**	**NE**	**NE**
92544080	BA3 (0-2)_20210611	N/A	06/11/2021	<4.2	<4.2	<4.2	<4.2	<165	<8.3	<165	<8.3	<8.3	<8.3	<8.3	<8.3	<16.5	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	**23.9**	<33	<82.6	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	**8.3**	<8.3	<8.3	<16.5	<16.5	<8.3
92544080	BA3 (22-24)_20210611	N/A	06/11/2021	**2,560**	**1,440**	**355**	**4,010**	<3,270	**8,680**	<3,270	<164	<164	<164	**146J**	<164	<327	<164	<164	<164	<164	<164	**46,900**	<164	**3,810**	<655	<1,640	<164	**11,100**	<164	<164	<164	<164	**142,000**	**94,100**	**27,900**	**232,000**	**167,000**	**65,200**
92544080	BA4 (0-2)_20210611	N/A	06/11/2021	<4.2	<4.2	<4.2	**4.6**	<160	<8	<160	<8	<8	<8	<8	<8	<16	<8	<8	<8	<8	<8	<8	<8	<8	<32	<80	<8	<8	<8	<8	<8	<8	**14.3**	<8	<8	<16	<16	<8
92544080	BA4 (18-20)_20210611	N/A	06/11/2021	**13,500**	**6,260**	**1,590**	**19,800**	<17,400	**42,400**	<17,400	<872	<872	<872	<872	<872	<1740	<872	<872	<872	<872	<872	**174,000**	<872	**13,000**	<3,490	<8,720	<872	**39,100**	<872	<872	<872	**535,000**	**305,000**	<872	**860,000**	**613,000**	**246,000**
92544158	BA5 (0-2')_20210614	N/A	06/14/2021	**14.6**	**7.2**	<3.1	**21.8**	<123	<6.1	<123	<6.1	<6.1	<6.1	<6.1	<6.1	<12.3	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<24.5	<61.3	<6.1	<6.1	<6.1	<6.1	<6.1	**5.1J**	<6.1	<6.1	<12.3	<12.3	<6.1
92544158	BA5 (10-12')_20210614	N/A	06/14/2021	**3,470**	**2,470**	**673**	**5,940**	**4,240J**	**11,400**	<7,560	**7,280**	<378	<378	**201J**	<378	<756	<378	<378	<378	<378	<378	**98,700**	<378	**5,810**	<1,510	<3,780	<378	**14,300**	<378	<378	<378	**202,000**	**118,000**	<378	**530,000**	**383,000**	**147,000**
92544080	BA6 (0-2')_20210612	N/A	06/12/2021	**9.0**	**7.9**	<4.6	**16.9**	<180	<9	<180	<9	<9	<9	<9	<9	<18	<9	<9	<9	<9	<9	<9	<9	<9	<36	<89.9	<9	<9	<9	<9	<9	<9	**10.4**	<9	<9	<18	<18	<9
92544080	BA6 (8-10')_20210612	N/A	06/12/2021	**33,000**	**18,500**	**5,610**	**51,500**	**26,600J**	**53,500**	<30,800	**26,500**	<1,540	<1540	<1,540	<1540	<3080	<1540	<1,540	<1540	<1,540	<1,540	**340,000**	**29,500**	**25,200**	<6,170	<1,540	<1,540	**54,100**	<1,540	<1,540	<1,540	**29,600**	**1,020,000**	**563,000**	**162,000**	**1,780,000**	**1,270,000**	**501,000**
92544080	BA7(0-2')_20210612	N/A	06/12/2021	**32.5**	**44.3**	<30.6	**76.8**	<173	**23.2**	<173	<8.6	<8.6	<8.6	<8.6	<8.6	<17.3	<8.6	<8.6	<8.6	<8.6	<8.6	**36.7**	<8.6	<8.6	<34.6	<86.5	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	**277**	**28.7**	**7.9J**	**189**	**142**	**46.5**
92544080	BA7(10-12')_20210612	N/A	06/12/2021	**7,690**	**6,630**	**2,120**	**14,300**	**13,600**	**14,800**	<9,340	**18,600**	<467	<467	**361J**	<467	<934	<467	<467	<467	<467	<467	**169,000**	**15,400**	**14,400**	<1,870	<4,670	<467	**36,100**	<467	<467	<467	<467	**439,000**	**350,000**	**107,000**	**873,000**	**629,000**	**244,000**
92544080	BA8 (0-2')_20210612	N/A	06/12/2021	<4.8	<4.8	<4.8	<4.8	<175	<8.7	<175	<8.7	<8.7	<8.7	<8.7	<8.7	<17.5	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<34.9	<87.3	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	**10.7**	<8.7	<8.7	<17.5	<17.5	<8.7
92544080	BA8 (22-24')_20210612	N/A	06/12/2021	**950**	**4,400**	**2,100**	**5,350**	**5,370J**	<408	<8,170	**25,700**	<408	<408	<408	<408	<817	<408	<408	<408	<408	<408	**6,570**	<408	**21,100**	<1,630	<4,080	<408	**48,900**	<408	<408	<408	<408	**1,050**	**371,000**	**86,700**	**66,000**	**39,900**	**26,200**
92544080	BB4 (0-2)_20210611	N/A	06/11/2021	**21**	**9.2**	<4.4	**30.3**	<168	**327**	<168	<8.4	<8.4	<8.4	<8.4	<8.4	<16.8	<8.4	<8.4	<8.4	<8.4	<8.4	**98.8**	<8.4	<8.4	<33.7	<84.1	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	**1,210**	**33.0**	<8.4	**443**	**321**	**122**
92544080	BB4 (18-20)_20210611	N/A	06/11/2021	**182**	**175**	**64.7**	**357**	**1,670**	**25.8**	<144	**532**	<7.2	<7.2	**16.2**	<7.2	<14.4	<7.2	<7.2	<7.2	<7.2	**13.3**	**780**	<7.2	<7.2	<28.9	<72.2	<7.2	**1,470**	<7.2	**45.9**	<7.2	<7.2	**625**	**5,590**	**1,630**	**4,720**	**3,130**	**1,590**
92544080	BB5 (0-2)_20210611	N/A	06/11/2021	**4.7**	**7.0**	<4.4	**11.7**	<172	<8.6	<172	<8.6	<8.6	<8.6	<8.6	<8.6	<17.2	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<34.3	<85.8	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	**10.9**	<8.6	<8.6	<17.2	<17.2	<8.6
92544080	BB5 (16-19)_20210611	N/A	06/11/2021	**5,120**	**3,540**	**984**	**8,660**	**6,460**	**8,980**	<4,350	<217	<217	<217	**246**	<217	<435	<217	<217	<217	<217	<217	**66,300**	<217	**7,230**	<869	<2,170	<217	**21,400**	<217	<217	<217	<217	**164,000**	**159,000**	**46,700**	**342,000**	**242,000**	**100,000**
92544080	BB6 (0-2)_20210611	N/A	06/11/2021	**4.0**	**4.6**	<3.5	**8.6**	<135	<6.7	<135	<6.7	<6.7	<6.7	<6.7	<6.7	<13.5	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<26.9	<67.3	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	**10.9**	<6.7	<6.7	<13.5	<13.5	<6.7
92544080	BB6 (14-16)_20210611	N/A	06/11/2021	**164**	**139**	**54**	**304**	<153	**45.1**	<153	<7.7	<7.7	<7.7	<7.7	<7.7	<15.3	<7.7	<7.7	<7.7	<7.7	<7.7	**436**	**119**	<7.7	<30.6	<76.6	<7.7	**562**	<7.7	<7.7	<7.7	<7.7	**637**	**4,060**	**1,090**	**3,210**	**2,240**	**971**
92544080	BB7 (0-2')_20210612	N/A	06/12/2021	<3.6	<3.6	<3.6	**5.4**	<147	**8.8**	<147	<7.4	<7.4	<7.4	<7.4	<7.4	<14.7	<7.4	<7.4	<7.4	<7.4	<7.4	**14.0**	<7.4	**103**	<29.5	<73.7	<7.4	<7.4	<7.4	**124**	<7.4	<7.4	**100**	**15.0**	**3.8J**	**82.1**	**62.3**	**19.8**
92544080	BB7 (16-18')_20210612	N/A	06/12/2021	**623**	**748**	**243**	**1,370**	<1020	**809**	<1,020	<50.9	<50.9	<50.9	**43.6J**	<50.9	<102	<50.9	<50.9	<50.9	<50.9	<50.9	**10,400**	<50.9	**2,100**	<204	<509	<50.9	**6,880**	<50.9	<50.9	<50.9	<50.9	**17,400**	**41,300**	**11,800**	**57,300**	**39,100**	**18,100**
92544080	BB8 (0-2')_20210612	N/A	06/12/2021	<3.6	<3.6	<3.6	**5.2**	**59.9J**	<8.5	<170	<8.5	<8.5	<8.5	<8.5	<8.5	<17	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<33.9	<84.8	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	**4.6J**	<8.5	<8.5	<17	<17	<8.5
92544080	BB8 (22-24')_20210612	N/A	06/12/2021	**15.4**	**369**	**191**	**385**	<857	<42.9	<857	<42.9	<42.9	<42.9	**50.2**	<42.9	<85.7	<42.9	<42.9	<42.9	<42.9	<42.9	**44.1**	<42.9	**4,570**	<171	<429	<42.9	**33,800**	<42.9	<42.9	<42.9	<42.9	**142**	**32,900**	**5,350**	**393**	**261**	**132**
92544833	AA6 0-2_20210616	N/A	06/16/2021	**391**	**624**	**222**	**1,010**	**9,390**	**2,140**	<3,000	<150	<150	<150	**105J**	<150	<300	<150	<150	<150	<150	**1,740**	**7,540**	<150	**4,200**	<599	<1,500	<150	**15,600**	<150	<150	<150	<150	**27,200**	**84,900**	**30,600**	**285,000**	**175,000**	**109,000**
92544833	AA6 2-4_20210616	N/A	06/16/2021	**24,200**	**7,880**	**1,820**	**32,100**	<13,200	**67,500**	<13,200	<658	<658	<658	<658	<658	<1320	<658	<658	<658	<658	**29,500**	**192,000**	**9,160**	<658	<2,630	<6,580	<658	**28,800**	<658	<658	<658	<658	**482,000**	**175,000**	**52,800**	**1,040,000**	**751,000**	**285,000**
92544833	AA8 0-2_20210616	N/A	06/16/2021	**5.1**	**10.4**	**5.1**	**15.4**	**41.7J**	**71.5**	<128	<6.4	<6.4	<6.4	<6.4	<6.4	<12.8	<6.4	<6.4	<6.4	<6.4	<6.4	**48.4**	<6.4	**192**	<25.6	<63.9	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	**472**	**31.8**	<6.4	**222**	**174**	**48**
92544833	AA8 32-33_20210616*	N/A	06/16/2021	**2,910**	**1,700**	**503**	**4,610**	<2,650	**5,170**	<2,650	<132	<132	<132	<132	<132	<265	<132	<132	<132	<132	<132	**33,900**	**2,930**	**2,520**	<530	<1,320	<132	**10,600**	<132	<132	<132	<132	**93,700**	**71,300**	<132	**174,000**	**122,000**	**51,300**
92544833	AB6 0-2_20210616	N/A	06/16/2021	**2,850**	**1,110**	**310**	**3,960**	<1,360	**4,590**	<1,360	**1,130**	<67.9	<67.9	<67.9	<67.9	<136	<67.9	<67.9	<67.9	<67.9	**2,150**	**17,800**	**1,170**	**1,010**	<272	<679	<67.9	**3,380**	<67.9	<67.9	<67.9	<67.9	**36,800**	**23,200**	<67.9	**99,900**	**71,800**	**28,100**
92544833	AB6 2-4_20210616	N/A	06/16/2021	**11,600**	**5,560**	**1,540**	**17,200**	<14,200	**42,400**	<14,200	<709	<709	<709	<709	<709	<1420	<709	<709	<709	<709	**5,800**	**150,000**	**10,200**	**8,550**	<2,830	<7,090	<709	**22,600**	<709	<709	<709	<709	**424,000**	**187,000**	<709	**789,000**	**566,000**	**224,000**
92544833	AB6 28-30_20210616*	N/A	06/16/2021	**6,440**	**3,270**	**878**	**9,710**	<9,760	**26,800**	<9,760	**6,470**	<488	<488	<488	<488	<976	<488	<488	<488	<488	**5,060**	**114,000**	**7,310**	**5,830**	<1,950	<4,880	<488	**18,000**	<488	<488	<488	<488	**312,000**	**139,000**	<488	**596,000**	**425,000**	**171,000**
92544833	AB7 0-2_20210616	N/A	06/16/2021	<3.4	<3.4	<3.4	<3.4	<138	**116**	<138	<6.9	<6.9	<6.9	<6.9	<6.9	<13.8	<6.9	<6.9	<6.9	<6.9	**4.1J**	**8.4**	<6.9	<6.9	<27.6	<69	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	**240**	<6.9	**3.6J**	**40.8**	**32.3**	**8.5**
92544833	AB7 16-18_20210616	N/A	06/16/2021	**10,100**	**5,690**	**1,610**	**15,800**	<13,100	**43,300**	<13,100	**9,260**	<656	<656	<656	<656	<1310	<656	<656	<656	<656	<656	**132,000**	**10,400**	**8,620**	<2,630	<6,560	<656	**26,300**	<656	<656	<656	<656	**464,000**	**211,000**	<656	**650,000**	**464,000**	**186,000**
92544833	AB7 32-34_20210616*	N/A	06/16/2021	**13,300**	**6,030**	**1,810**	**19,300**	<15,200	**50,300**	<15,200	**12,500**	<758	<758	<758	<758	<1520	<758	<758	<758	<758	<758	**167,000**	**13,100**	**10,900**	<3,030	<7,580	<758	**34,900**	<758	<758	<758	<758	**609,000**	**281,000**	**81,700**	**815,000**	**582,000**	**233,000**
92544833	AB8 0-2_20210616	N/A	06/16/2021	**3.5**	**3.7**	<3.2	**7.2**	<119	**6.2**	<119	<6	<6	<6	<6	<6	<11.9	<6	<6	<6	<6	<6	<6	<6	<6	<23.8	<59.6	<6	<6	<6	<6	<6	<6	**29.7**	<6	<6	**11.1J**	**11.1J**	<6
92544833	AB8 12-14_20210616	N/A	06/16/2021	<3.3	<3.3	<3.3	<3.3	**87.6J**	**33.4**	<133	<6.6	<6.6	<6.6	<6.6	<6.6	<13.3	<6.6	<6.6	<6.6	<6.6	**6.8**	**20.9**	<6.6	<6.6	<26.6	<66.4	<6.6	**29.1**	<6.6	<6.6	<6.6	<6.6	**189**	**43.3**	**10.5**	**119**	**86.0**	**33.1**
92544833	AB8 36-38_20210616*	N/A	06/16/2021	**17,300**	**5,590**	**1,590**	**22,900**	<46,300	**181,000**	<46,300	<2,320	<2,320	<2320	<2,320	<2320	<4630	<2,320	<2,320	<2320	<2,320	**6,940**	**150,000**	**7,340**	<2,320	<9,260	<23,200	<2,320	**27,500**	<2,320	<2,320	<2320	<2320	**1,050,000**	**158,000**	<2,320	**733,000**	**510,000**	**223,000**
92545117	AA7 0-2_20210617	N/A	06/17/2021	<4.0	<4.0	<4.0	<4.0	<145	**10.9**	<145	<7.2	<7.2	<7.2	<7.2	<7.2	<14.5	<7.2	<7.2	<7.2	<7.2	<7.2	**17.5**	<7.2	<7.2	<29	<72.4	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	**99.8**	<7.2	<7.2	**70.8**	**57.3**	**13.5**
92545117	AA7 8-10_20210617	N/A	06/17/2021	**805**	**653**	**366**	**1,820**	**3,720**	**458**	<800	**2,210**	<40	<40	**49.0**	<40	<80	<40	<40	<40	<40	<40	**8,160**	<40	**1,950**	<160	<400	<40	**6,400**	<40	<40	<40	<40	**11,800**	**37,200**	**11,200**	**46,800**	**31,500**	**15,300**
92546391	BA9 0-2_20210623	N/A	06/23/2021	<3.4	<3.4	<3.4	<3.4	<145	<7.2	<145	<7.2	<7.2	<7.2	<7.2	<7.2	<14.5	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<28.9	<72.3	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<14.5	<14.5	<7.2
92546391	BA9 6-8_20210623	N/A	06/23/2021	<4.0	<4.0	<4.0	**6.4**	<142	<7.1	<142	<7.1	<7.1	<7.1	<7.1	<7.1	<14.2	<7.1	<7.1	<7.1	<7.1	<7.1	**6.3J**	<7.1	<7.1	<28.3	<70.8	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	**18.9**	<7.1	<7.1	**21.7**	**15.2**	**6.4J**
92546391	BB9 0-2_20210623	N/A	06/23/2021	<2.5	<2.5	<2.5	<2.5	<106	<5.3	<106	<5.3	<5.3	<5.3	<5.3	<5.3	<10.6	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<21.1	<52.9	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<10.6	<10.6	<5.3
92546391	BB9 22-24_20210623	N/A	06/23/2021	**4,540**	**1,550**	**767**	**6,870**	**4,380J**	**5,170**	<6,410	<320	<320	<320	**193J**	<320	<641	<320	<320	<320	<320	<320	**94,700**	<320	**7,140**	<1,280	<3,200	<320	**18,100**	<320	<320	<320	<320	**251,000**	**167,000**	**50,100**	**463,000**	**335,000**	**128,000**
92546391	BC8 0-2_20210623	N/A	06/23/2021	<3.6	<3.6	<3.6	<3.6	<139	<6.9	<139	<6.9	<6.9	<6.9	<6.9	<6.9	<13.9	<6.9	<6.9	<6.9	<6.9	<6.9	**6.8J**	<6.9	<6.9	<27.8	<69.4	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	**30.5**	<6.9	<6.9	**19.8**	**19.8**	<6.9
92546391	BC8 18-20_20210623	N/A	06/23/2021	<3.3	<3.3	<3.3	<3.3	<130	<6.5	<130	<6.5	<6.5	<6.5	<6.5	<6.5	<13	<6.5	<6.5	<6.5	<6.5	<6.5	**6.5**	<6.5	<6.5	<26	<65	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	**31.2**	<6.5	<6.5	**24.9**	**17.6**	**7.3**
92546391	BC9 0-2_20210623	N/A	06/23/2021	<2.7	<2.7	<2.7	<2.7	<113	<5.7	<113	<5.7	<5.7	<5.7	<5.7	<5.7	<11.3	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<22.7	<56.6	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11.3	<11.3	<5.7
92546391	BC9 20-22.5_20210623	N/A	06/23/2021	<4.3	<4.3	<4.3	<4.3	<122	<6.1	<122	<6.1	<6.1	<6.1	<6.1	<6.1	<12.2	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<24.3	<60.8	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12.2	<12.2	<6.1
92546394	BC8 24-26_20210623	N/A	06/23/2021	**2,280**	**1,960**	**846**	**5,090**	<7,260	**196J**	<7,260	**12,700**	<363	<363	**291J**	<363	<726	<363	<363	<363	<363	<363	**98,600**	**11,800**	**10,600**	<1,450	**8,570**	<363	**27,800**	**46,500**	<363	<363	<363	**69,100**	**247,000**	**73,700**	**526,000**	**370,000**	**156,000**
92546589	BA1 0-2_20210625	N/A	06/25/2021	<3.4	<3.4	<3.4	**3.7**	<130	<6.5	<130	<6.5	<6.5	<6.5	<6.5	<6.5	<13	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	**17.2**	<26	<65	<6.5	<6.5	<6.5	<6.5	<6.5	**4.2J**	<6.5	<6.5	<13	<13	<6.5
92546589	BA1 12-14_20210625	N/A	06/25/2021	<3.4	<3.4	<3.4	<3.4	<131	**5.9J**	<131	<6.5	<6.5	<6.5	<6.5	<6.5	<13.1	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<26.1	<65.3	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	**22.5**	<6.5	<6.5	**9.5J**	**9.5J**	<6.5
92546589	BA1 32-34_20210625	N/A	06/25/2021	**65.1**	**18.2**	**6.5**	**89.9**	**1,520**	**2,200**	<1,170	<58.3	<58.3	<58.3	<58.3	<58.3	<117	<58.3	<58.3	<58.3	<58.3	**116**	**14,700**	<58.3	<58.3	**898**	**1,070**	<58.3	**4,210**	<58.3	<58.3	<58.3	<58.3	**33,200**	**31,800**	**9,040**	**76,200**	**53,700**	**22,400**
92546589	BB1 0-2_20210625	N/A	06/25/2021	<4.3	<4.3	<4.3	<4.3	<166	<8.3	<166	<8.3	<8.3	<8.3	<8.3	<8.3	<16.6	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<33.1	<82.8	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<16.6	<16.6	<8.3
92546589	BB1 16-18_20210625	N/A	06/25/2021	<3.0	<3.0	<3.0	<3.0	<119	<5.9	<119	<5.9	<5.9	<5.9	<5.9	<5.9	<11.9	<5.9	<5.9	<5.9	<5.9	<5.9	**15.6**	<5.9	**19.6**	<23.8	<59.5	<5.9	**9.1**	<5.9	<5.9	<5.9	<5.9	**52.1**	**33.9**	<5.9	**99.9**	**66.4**	**33.5**
92546589	BC1 0-2_20210625	N/A	06/25/2021	<4.1	<4.1	<4.1	<4.1	<161	<8.3	<161	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<32.2	<80.4	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<16.1	<16.1	<8
92546589	BC1 8-10_20210625	N/A	06/25/2021	<4.4	<4.4	<4.4	<4.4	<157	<7.9	<157	<7.9	<7.9	<7.9	<7.9	<7.9	<15.7	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<31.4	<78.6	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<15.7	<15.7	<7.9
92546589	BC2 0-2_20210625	N/A	06/25/2021	<4.6	**10.0**	**15.2**	**26.0**	<165	<8.3	<165	<8.3	<8.3	<8.3	<8.3	<8.3	<16.5	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<33	<82.5	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<16.5	<16.5	<8.3
92546589	BC2 22-24_20210625	N/A	06/25/2021	<4.4	<4.4	<4.4	<4.4	<130	<6.5	<130	<6.5	<6.5	<6.5	<6.5	<6.5	<13	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<25.9	<64.8	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	**4.0J**	<6.5	<6.5	<13	<13	<6.5
92546589	BC3 0-2_20210625	N/A	06/25/2021	<4.0	<4.0	<4.0	<4.0	<168	<8.4	<168	<8.4	<8.4	<8.4	<8.4	<8.4	<16.8	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<33.6	<84	<8.4	<8.4	<8.4	**58.6**	<8.4	<8.4	**5.0J**	<8.4	<8.4	<16.8	<16.8	<8.4
92546589	BC3 2-4_20210625	N/A	06/25/2021	<4.1	<4.1	<4.1	<4.1	<163	<8.2	<163	<8.2	<8.2	<8.2	<8.2	<8.2	<16.3	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<32.7	<81.6	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<16.3	<16.3	<8.2
92546658	AA1 (0-2')_20210626	N/A	06/26/2021	<4.6	<4.6	<4.6	<4.6	<169	<8.4	<169	<8.4	<8.4	<8.4	<8.4	<8.4	<16.9	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	**135**	<33.7	<84.3	<8.4	<8.4	<8.4	**28.7**	<8.4	<8.4	**6.6J**	<8.4	<8.4	<16.9	<16.9	<8.4
92546658	AA1 (16-18')_20210626	N/A	06/26/2021	<3.3	<3.3	<3.3	<3.3	<129	**13.3**	<129	<6.5	<6.5	<6.5	<6.5	<6.5	<12.9	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<25.8	<64.6	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	**25.3**	<6.5	<6.5	<12.9	<12.9	**3.3J**
92546658	AB1 (0-2')_20210626	N/A	06/26/2021	<3.6	<3.6	<3.6	**4.9**	**1,320**	<18.4	<368	**452**	<18.4	<18.4	<18.4	<18.4	<36.8	**12,700**	<18.4	<18.4	<18.4	<18.4	**10.7J**	<18.4	**1,850**	**436**	<184	<18.4	<18.4	<18.4	<18.4	<18.4	<18.4	**64.7**	<18.4	<18.4	**76.7**	**63.9**	**12.8J**
92546658	AB1 (20-22')_20210626	N/A	06/26/2021	**5,250**	**1,750**	**618**	**7,620**	**18,000**	**11,500**	<6,370	<318	<318	<318	<318	<318	<637	<318	<318	<318	<318	<318	**62,800**	<318	**4,940**	<1,270	<3,180	<318	**12,400**	<318	<318	<318	<318	**173,000**	**110,000**	**32,600**	**305,000**	**220,000**	**85,200**
92546658	AC1 (0-2')_20210626	N/A	06/26/2021	<3.7	<3.7	<3.7	**6.6**	<147	<7.4	<147	<7.4	<7.4	<7.4	<7.4	<7.4	<14.7	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	**225**	<29.5	<73.7	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	**12.8**	<7.4	<7.4	**11.6J**	**11.6J**	<7.4
92546658	AC1 (16-18')_20210626	N/A	06/26/2021	<3.1	<3.1	<3.1	<3.1	<136	<6.8	<136	<6.8	<6.8	<6.8	<6.8	<6.8	<13.6	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<27.2	<68	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	**5.7J**	**13.0**	<6.8	**11.2J**	**7.1J**	**4.2J**
92546658	AC2 (0-2')_20210626	N/A	06/26/2021	<3.7	<3.7	<3.7	**6.3**	**263**	<8.1	<162	<8.1	<8.1	<8.1	<8.1	<8.1	<16.2	<8.1	<8.1	<8.1	<8.1	<8.1	**29.4**	<8.1	**1,280**	<32.5	<81.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	**36.9**	<8.1	<8.1	**200**	**152**	**47.9**
92546658	AC2 (12-14')_20210626	N/A	06/26/2021	**485**	**258**	**111**	**854**

Table 2
Summary of Delineation Soil Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																														
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene
Soil-to-Water MSCCs				**68**	**540**	**31**	**NE**	**24,000**	**7.2**	**16,000**	**2,400**	**2,200**	**1,700**	**440**	**340**	**14**	**NE**	**280**	**30**	**1.9**	**320**	**8,000**	**1,300**	**120**	**23**	**420**	**85**	**200**	**1,400**	**900**	**4**	**5.0**	**5,400**	**6,600**	**6,600**	**6,000**	**NE**	**NE**
Residential MSCCs				**625**	**1,560**	**469**	**NE**	**14,000,000**	**12,000**	**9,380,000**	**782,000**	**1,560,000**	**1,560,000**	**312,000**	**21,000**	**51,000**	**NE**	**312,000**	**116,000**	**7,290**	**NE**	**60,300**	**1,560,000**	**1,560,000**	**93,800**	**1,250,000**	**156,000**	**5,500**	**1,560,000**	**3,120,000**	**25,200**	**93,800**	**1,250,000**	**156,000**	**156,000**	**3,120,000**	**NE**	**NE**
Industrial / Commercial MSCCs				**9,340**	**23,300**	**7,000**	**NE**	**210,000,000**	**59,400**	**140,000,000**	**11,600,000**	**23,300,000**	**23,300,000**	**4,670,000**	**105,000**	**251,000**	**NE**	**4,670,000**	**573,000**	**35,900**	**2,330,000**	**297,000**	**23,300,000**	**23,300,000**	**1,400,000**	**18,600,000**	**1,810,000**	**27,000**	**23,300,000**	**46,700,000**	**125,000**	**1,400,000**	**18,600,000**	**2,330,000**	**2,330,000**	**46,700,000**	**NE**	**NE**
92546969	AC7 0-2_20210628	N/A	06/28/2021	<5.7	<5.7	<5.7	**9.1**	<190	<9.5	<190	<9.5	<9.5	<9.5	<9.5	<9.5	<19	<9.5	<9.5	<9.5	<9.5	<9.5	**21.1**	<9.5	<9.5	<38.1	<95.2	<9.5	<9.5	**5.2J**	<9.5	<9.5	<9.5	**174**	**14.5**	<9.5	**101**	**81.6**	**19.7**
92546969	AC7 20-22_20210628	N/A	06/28/2021	**64.1**	**17.4**	**6.1**	**87.7**	**149**	**182**	<132	<6.6	<6.6	<6.6	**7.1**	<6.6	<13.2	<6.6	<6.6	<6.6	<6.6	**35.8**	**1,590**	<6.6	<6.6	<26.4	<66	<6.6	**1,040**	<6.6	<6.6	<6.6	<6.6	**2,620**	**6,340**	**1,810**	**8,710**	**6,070**	**2,640**
92546969	AC7 42-44_20210628*	N/A	06/28/2021	**50.1**	**9.3**	**4.0**	**63.4**	**91.8J**	**624**	<123	<6.2	<6.2	<6.2	<6.2	<6.2	<12.3	<6.2	<6.2	<6.2	<6.2	**111**	**401**	<6.2	<6.2	<24.6	<61.6	**55.7**	**194**	<6.2	<6.2	<6.2	<6.2	**2,110**	**805**	**232**	**2,040**	**1,430**	**619**
92547162	AS-21 (18-20)_20210630	N/A	06/30/2021	**14.1**	**7.3**	<4.4	**22.9**	<156	<7.8	<156	<7.8	<7.8	<7.8	<7.8	<7.8	<15.6	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<31.2	<77.9	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<15.6	<15.6	<7.8
92547162	AS-22 (18-20)_20210630	N/A	06/30/2021	<4.9	<4.9	<4.9	**6.8**	<168	<8.4	<168	<8.4	<8.4	<8.4	<8.4	<8.4	<16.8	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<33.6	<84.1	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<16.8	<16.8	<8.4
92543943	BB2(40-42')_20210610*	N/A	06/10/2021	**12,100**	**9,720**	**2,860**	**21,800**	<7,170	**4,750**	<7,170	**10,000**	<359	<359	<359	<359	<717	<359	<359	<359	<359	**669**	**66,600**	**8,220**	**9,330**	<1,430	<3,590	<359	**27,400**	<359	<359	<359	<359	**125,000**	**216,000**	**52,200**	**393,000**	**271,000**	**122,000**
92546505	BC-4 0-2_20210624	N/A	06/24/2021	<0.85	<0.85	<0.85	<0.85	<158	<7.9	<158	<7.9	<7.9	<7.9	<7.9	<7.9	<15.8	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<31.5	<78.8	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	**14.8**	<7.9	<7.9	<15.8	<15.8	<7.9
92546505	BC-4 18-20_20210624	N/A	06/24/2021	<3.8	<3.8	<3.8	<3.8	<151	<7.5	<151	<7.5	<7.5	<7.5	<7.5	<7.5	<15.1	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<30.1	<75.3	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	**15.8**	<7.5	<7.5	<15.1	<15.1	<7.5
92546505	BC-5 0-2_20210624	N/A	06/24/2021	<3.2	<3.2	<3.2	<3.2	<126	<6.3	<126	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.2	<63.1	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	**25.3**	<6.3	<6.3	<12.6	<12.6	<6.3
92546505	BC-5 14-16_20210624	N/A	06/24/2021	<3.7	<3.7	<3.7	<3.7	<151	**4.6J**	<151	<7.5	<7.5	<7.5	<7.5	<7.5	<15.1	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<30.1	<75.3	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	**20.0**	<7.5	<7.5	<15.1	<15.1	<7.5
92546505	BC-6 0-2_20210624	N/A	06/24/2021	<3.8	<3.8	<3.8	<3.8	<148	<7.4	<148	<7.4	<7.4	<7.4	<7.4	<7.4	<14.8	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<29.5	<73.8	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	**33.9**	<7.4	<7.4	<14.8	<14.8	<7.4
92546505	BC-6 12-14_20210624	N/A	06/24/2021	<3.6	<3.6	<3.6	<3.6	<149	<7.5	<149	<7.5	<7.5	<7.5	<7.5	<7.5	<14.9	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<29.8	<74.6	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	**23.8**	<7.5	<7.5	<14.9	<14.9	<7.5
92546505	BC-6 20-22_20210624	N/A	06/24/2021	**12.2**	**9.4**	**3.9**	**25.5**	**672**	**28.5**	**353**	<7.3	<7.3	<7.3	<7.3	<7.3	<14.5	<7.3	<7.3	<7.3	<7.3	**7.3**	**79.0**	<7.3	**23.6**	<29.1	<72.7	<7.3	**307**	<7.3	<7.3	<7.3	<7.3	**271**	**370**	<7.3	**508**	**320**	**188**
92546505	BC-7 0-2_20210624	N/A	06/24/2021	<3.2	<3.2	<3.2	<3.2	<141	<7.1	<141	<7.1	<7.1	<7.1	<7.1	<7.1	<14.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<28.3	<70.7	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	**36.5**	<7.1	<7.1	<14.1	<14.1	<7.1
92546505	BC-7 18-20_20210624	N/A	06/24/2021	<4.2	<4.2	<4.2	<4.2	<161	**68.8**	<161	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	**37.5**	<8.0	<8.0	<32.1	<80.3	<8.0	<8.0	**4.7J**	<8.0	<8.0	<8.0	**433**	**11.3**	<8.0	**161**	**133**	**28.4**
92546505	BC-7 20-22_20210624	N/A	06/24/2021	<3.5	<3.5	<3.5	<3.5	**324**	**6.1J**	**177**	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	**14.8**	<7.0	<7.0	<28.2	<70.5	<7.0	**288**	<7.0	<7.0	<7.0	<7.0	**84.7**	**88.7**	**21.7**	**105**	**75.7**	**28.9**
92546505	BC-7 24-26_20210624	N/A	06/24/2021	**2,830**	**1,780**	**924**	**5,540**	**5,920J**	**6,980**	<6,920	**12,100**	<346	<346	**237J**	<346	<692	<346	<346	<346	<346	<346	**92,100**	<346	**10,300**	<1,380	<3,460	<346	**25,400**	<346	<346	<346	<346	**189,000**	**237,000**	**69,800**	**489,000**	**347,000**	**142,000**
92547126	AA9(0-2)_20210629	N/A	06/29/2021	<8.4	<8.4	<8.4	<8.4	<177	<8.8	<177	<8.8	<8.8	<8.8	<8.8	<8.8	<17.7	<8.8	<8.8	<8.8	<8.8	<8.8	<8.8	<8.8	**10.5**	<35.3	<88.3	<8.8	<8.8	<8.8	<8.8	<8.8	<8.8	**6.2J**	<8.8	<8.8	<17.7	<17.7	<8.8
92547126	AA9(24-26)_20210629	N/A	06/29/2021	**1,220**	**557**	**241**	**2,020**	**4,320**	**5,550**	<3,230	**3,050**	<162	<162	<162	<162	<323	<162	<162	<162	<162	<162	**31,600**	**3,070**	**2,740**	<647	**2,130**	<162	**8,220**	**11,900**	<162	<162	<162	**83,600**	**66,300**	**19,200**	**158,000**	**113,000**	**45,600**
92547126	AA9(34-35)_20210629*	N/A	06/29/2021	**9,480**	**2,480**	**875**	**12,800**	**29,700**	**22,800**	<5,600	**7,970**	<280	<280	**234J**	<280	<560	<280	<280	<280	<280	**785**	**89,500**	**7,660**	**6,970**	<1,120	**6,960**	<280	**17,700**	**30,700**	<280	<280	<280	**277,000**	**165,000**	**49,200**	**429,000**	**309,000**	**120,000**
92544467	AA4 (0-2')_20210615	N/A	06/15/2021	**21.0**	**12.1**	<3.6	**33.1**	**1,160**	**275**	<141	<7.1	<7.1	<7.1	<7.1	<7.1	<14.1	<7.1	<7.1	<7.1	<7.1	**17.1**	**182**	**19.6**	**45.7**	<28.2	<70.5	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	**679**	**125**	**52.9**	**1,380**	**920**	**460**
92544467	AA4 (10-12')_20210615	N/A	06/15/2021	**5,610**	**3,800**	**1,390**	**9,410**	**12,000J**	**33,600**	<18,300	**15,800**	<917	<917	<917	<917	<1830	<917	<917	<917	<917	<917	**177,000**	**15,400**	**13,900**	<3,670	<9,170	<917	**41,000**	<917	<917	<917	<917	**524,000**	**324,000**	**95,700**	**881,000**	**632,000**	**250,000**
92544467	AA5 (0-2')_20210615	N/A	06/15/2021	**18.5**	**6.9**	<4.7	**25.4**	**1,800**	**814**	**658**	<7.7	<7.7	<7.7	<7.7	<7.7	<15.5	<7.7	<7.7	<7.7	<7.7	**12.6**	**146**	**4.8J**	<7.7	<31	<77.4	<7.7	<7.7	**30.3**	<7.7	<7.7	<7.7	**1,890**	**42.4**	<7.7	**733**	**505**	**228**
92544467	AA5 (18-20')_20210615	N/A	06/15/2021	**263**	**377**	**145**	**640**	**1,910**	**1,000**	<1,070	<53.6	<53.6	<53.6	**79.5**	<53.6	<107	<53.6	<53.6	<53.6	<53.6	**773**	**20,700**	<53.6	<53.6	<215	<536	<53.6	**7,430**	<53.6	<53.6	<53.6	<53.6	**22,600**	**36,700**	**10,600**	**119,000**	**83,200**	**35,800**
92544467	AA5 (6-8')_20210615	N/A	06/15/2021	**4,470**	**2,230**	**711**	**6,700**	**10,400J**	**32,300**	<11,200	**9,120**	<558	<558	<558	<558	<1120	<558	<558	<558	<558	<558	**137,000**	**10,800**	**9,250**	<2,230	<5,580	<558	**20,600**	<558	<558	<558	<558	**426,000**	**200,000**	<558	**683,000**	**486,000**	**197,000**
92544467	AB3 (0-2')_20210615	N/A	06/15/2021	**4.7**	**5.7**	<3.6	**10.4**	<126	<6.3	<126	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.2	<63	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	**8.2**	<6.3	<6.3	**8.0J**	**8.0J**	<6.3
92544467	AB3 (22-24')_20210615	N/A	06/15/2021	**17,300**	**6,050**	**1,740**	**23,300**	**6,670J**	**42,900**	<11,500	**11,800**	<577	<577	<577	<577	<1150	<577	<577	<577	<577	**169,000**	**12,100**	**10,600**	<2,310	<5,770	<577	**25,400**	<577	<577	<577	<577	**481,000**	**228,000**	<577	**867,000**	**622,000**	**245,000**
92544467	AB4 (0-2')_20210615	N/A	06/15/2021	**7.8**	**5.9**	<4.6	**13.7**	<157	**15.8**	<157	<7.9	<7.9	<7.9	<7.9	<7.9	<15.7	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<31.4	<78.6	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	**86.8**	**8.3**	<7.9	**59.2**	**45.8**	**13.4**
92544467	AB4 (14-16')_20210615	N/A	06/15/2021	**3,920**	**2,330**	**868**	**6,250**	<5,140	**17,900**	<5,140	<257	<257	<257	**140J**	<257	<514	<257	<257	<257	<257	<257	**71,300**	<257	**5,420**	<1,030	<2,570	<257	**15,100**	<257	<257	<257	<257	**216,000**	**125,000**	**35,600**	**353,000**	**255,000**	**98,800**
92544467	AB5 (0-2')_20210615	N/A	06/15/2021	**2,110**	**1,110**	**308**	**3,220**	<3,060	**10,200**	<3,060	<153	<153	<153	<153	<153	<306	<153	<153	<153	<153	**4,460**	**32,800**	**1,610**	<153	<611	<1,530	<153	**5,710**	<153	<153	<153	<153	**80,400**	**33,700**	<153	**178,000**	**127,000**	**51,100**
92544467	AB5 (2-4')_20210615	N/A	06/15/2021	**1,700**	**948**	**266**	**2,650**	<1,460	**4,990**	<1,460	<72.9	<72.9	<72.9	**51.9J**	<72.9	<146	<72.9	<72.9	<72.9	<72.9	**2,550**	**25,100**	<72.9	<72.9	<292	<729	<72.9	**5,600**	<72.9	<72.9	<72.9	<72.9	**46,000**	**33,600**	**9,850**	**154,000**	**110,000**	**44,000**
92547126	AB9(0-2)_20210629	N/A	06/29/2021	<5.3	<5.3	<5.3	<5.3	<204	<10.2	<204	<10.2	<10.2	<10.2	<10.2	<10.2	<20.4	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<40.8	<102	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<20.4	<20.4	<10.2
92547126	AB9(24-26)_20210629	N/A	06/29/2021	**4.5**	<4.1	<4.1	**5.1**	**159**	**74.0**	<153	<7.7	<7.7	<7.7	<7.7	<7.7	<15.3	<7.7	<7.7	<7.7	<7.7	<7.7	**11.4**	<7.7	<7.7	<30.7	<76.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	**152**	<7.7	<7.7	**56.2**	**39.3**	**16.9**
92547126	AB9(28-29.5)_20210629	N/A	06/29/2021	**5.3**	<4	<4	**6.5**	**167**	**297**	<122	<6.1	<6.1	<6.1	<6.1	<6.1	<12.2	<6.1	<6.1	<6.1	<6.1	**15.9**	**68.8**	**5.2J**	<6.1	<24.3	<60.9	<6.1	**26.5**	<6.1	<6.1	<6.1	<6.1	**749**	**69.4**	<6.1	**347**	**234**	**113**
92547126	AC8(0-2)_20210629	N/A	06/29/2021	<3.9	<3.9	<3.9	<3.9	<172	<8.6	<172	<8.6	<8.6	<8.6	<8.6	<8.6	<17.2	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<34.5	<86.2	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	**4.6J**	<8.6	<8.6	<17.2	<17.2	<8.6
92547126	AC8(20-22)_20210629	N/A	06/29/2021	<15.5	<15.5	<15.5	<15.5	<138	**101**	<138	<6.9	<6.9	<6.9	<6.9	<6.9	<13.8	<6.9	<6.9	<6.9	<6.9	**21.6**	**19.5**	<6.9	<6.9	<27.6	<69	<6.9	**9.3**	<6.9	<6.9	<6.9	<6.9	**212**	**56.0**	**18.1**	**118**	**78.5**	**39.6**
92547126	AC8(26-28)_20210629	N/A	06/29/2021	**205**	**68.7**	**40.3**	**314**	**409**	**463**	<291	**752**	<14.6	<14.6	**16.8**	<14.6	<29.1	<14.6	<14.6	<14.6	<14.6	**61.6**	**3,860**	**431**	**510**	<58.2	**406**	<14.6	**1,680**	**1,830**	<14.6	<14.6	<14.6	**7,930**	**10,700**	**3,240**	**19,700**	**13,900**	**5,720**
92547126	AC9(0-2)_20210629	N/A	06/29/2021	<4.2	<4.2	<4.2	<4.2	<177	<8.8	<177	<8.8	<8.8	<8.8	<8.8	<8.8	<17.7	<8.8	<8.8	<8.8	<8.8	<8.8	<8.8	<8.8	<8.8	<35.3	<88.4	<8.8	<8.8	**4.7J**	<8.8	<8.8	<8.8	**4.7J**	<8.8	<8.8	<17.7	<17.7	<8.8
92547126	AC9(24-26)_20210629	N/A	06/29/2021	<3.2	<3.2	<3.2	<3.2	**164**	**31.2**	<134	<6.7	<6.7	<6.7	<6.7	<6.7	<13.4	<6.7	<6.7	<6.7	<6.7	**8.6**	**6.7J**	<6.7	<6.7	<26.9	<67.2	<6.7	**14.6**	<6.7	<6.7	<6.7	<6.7	**84.8**	**18.1**	**5.2J**	**52.1**	**33.5**	**18.6**
92547126	AC9(26-28)_20210629	N/A	06/29/2021	**8.6**	**7.9**	<3.1	**19.4**	**143**	**69.9**	<112	<5.6	<5.6	<5.6	<5.6	<5.6	<11.2	<5.6	<5.6	<5.6	<5.6	**19.4**	**177**	<5.6	<5.6	<22.5	<56.2	**4.9J**	**285**	<5.6	<5.6	<5.6	<5.6	**543**	**695**	**202**	**936**	**630**	**305**
92548472	AAO (22-24)_20210707	N/A	07/07/2021	<3.3	<3.3	<3.3	<3.3	<137	**14.1**	<137	<6.8	<6.8	<6.8	<6.8	<6.8	<13.7	<6.8	<6.8	<6.8	<6.8	<6.8	**3.8J**	<6.8	<6.8	<27.4	<68.4	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	**32.1**	**22.8**	<6.8	**25.2**	**19.5**	**5.7J**
92548472	AAO (40-42)_20210707*	N/A	07/07/2021	**7.2**	<3.6	<3.6	**9.6**	<149	**188**	<149	<7.5	<7.5	<7.5	<7.5	<7.5	<14.9	<7.5	<7.5	<7.5	<7.5	**40.4**	**82.8**	**4.1J**	<7.5	<29.9	<74.7	**14.8**	**18.0**	<7.5	**4.7J**	<7.5	<7.5	**636**	**64.7**	<7.5	**447**	**298**	**148**
92548472	AAO (O-2)_20210707	N/A	07/07/2021	<4.2	<4.2	<4.2	<4.2	<174	<8.7	<174	**87.1**	<8.7	<8.7	<8.7	<8.7	<17.4	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	**251**	<34.7	<86.8	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	**9.9**	<8.7	<8.7	**10.9J**	**10.9J**	<8.7
92548472	ABO (0-2)_20210707	N/A	07/07/2021	<4.3	**8.3**	**12.2**	**22.3**	<172	**6.6J**	<172	<8.6	<8.6	<8.6	<8.6	<8.6	<17.2	<8.6	<8.6	<8.6	<8.6	<8.6	**11.1**	<8.6	**6.6J**	<34.5	<86.2	<8.6	**6.2J**	<8.6	<8.6	<8.6	<8.6	**68.0**	**16.4**	<8.6	**72.4**	**54.4**	**18.0**
92548472	ABO (24-26)_20210707	N/A	07/07/2021	<3	<3	<3	**3.5**	<130	**9.7**	<130	<6.5	<6.5	<6.5	<6.5	<6.5	<13	<6.5	<6.5	<6.5	<6.5	**4.8J**	**8.7**	<6.5	<6.5	<26	<64.9	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	**58.4**	**10.8**	<6.5	**60.4**	**42.1**	**18.3**
92548472	ABO (26-28)_20210707	N/A	07/07/2021	<3	<3	<3	**3.9**	<119	**37.3**	<119	<6	<6	<6	<6	<6	<11.9	<6	<6	<6	<6	**18.2**	**40.2**	<6	**4.5J**	<23.9	<59.7	<6	**21.9**	<6	<6	<6	<6	**197**	**60.5**	<6	**226**	**148**	**78.3**
92548472	ABO (40-42)_20210707*	N/A	07/07/2021	**8,580**	**2,760**	**939**	**12,300**	<4,740	**15,200**	<4,740	**7,760**	<237	<237	<237	<237	<474	<237	<237	<237	<237	**1,030**	**81,100**	<237	**6,590**	<948	**6,810**	<237	**16,600**	<237	**3,460**	**685**	<237	**211,000**	**140,000**	**40,300**	**412,000**	**292,000**	**121,000**
92548472	ACO (0-2)_20210707	N/A	07/07/2021	<3.3	<3.3	<3.3	**6.3**	<129	<6.4	<129	<6.4	<6.4	<6.4	<6.4	<6.4	<12.9	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	**19.9**	<25.8	<64.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.9	<12.9	<6.4
92548472	ACO (24-26)_20210707	N/A	07/07/2021	<3.2	<3.2	<3.2	<3.2	<124	**3.7J**	<124	<6.2	<6.2	<6.2	<6.2	<6.2	<12.4	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<24.8	<61.9	<6.2	**3.8J**	<6.2	<6.2	<6.2	<6.2	**10.5**	**3.7J**	<6.2	<12.4	<12.4	<6.2
92548472	ACO (28-29)_20210707	N/A	07/07/2021	**162**	**326**	**143**	**631**	<1,580	**190**	<1,580	**2,780**	<79.2	<79.2	<79.2	<79.2	<158	<79.2	<79.2	<79.2	**69.2J**	<79.2	**10,600**	<79.2	**2,540**	**622**	<792	<79.2	**7,010**	<79.2	**1,130**	<79.2	<79.2	**8,530**	**44,400**	<79.2	**64,900**	**43,100**	**21,800**
92548816	AC0A (0-2')_20210708	N/A	07/08/2021	<4	**17.4**	**23.1**	**43.4**	<117	<5.8	<117	<5.8	<5.8	<5.8	<5.8	<5.8	<11.7	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	**25.0**	<23.3	<58.3	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<11.7	<11.7	<5.8
92548816	AC0A (20-22')_20210708	N/A	07/08/2021	<2.9	<2.9	<2.9	<2.9	<105	**17.6**	<105	<5.3	<5.3	<5.3	<5.3	<5.3	<10.5	<5.3	<5.3	<5.3	<5.3	**42.3**	**5.1J**	<5.3	<5.3	<21.1	<52.6	**14.6**	<5.3	<5.3	<5.3	<5.3	<5.3	**48.5**	**5.7**	<5.3	**25.8**	**18**	**7**
92548816	AC0A (42-44')_20210708*	N/A	07/08/2021	**26.0**	**9.3**	<2.9	**37.8**	<116	**291**	**211**	**159**	<5.8	<5.8	<5.8	<5.8	<11.6	<5.8	<5.8	**5.6J**	<5.8	**101**	**1,460**	**135**	**143**	<23.2	**86**	<5.8	**427**	<5.8	**65.9**	<5.8	<5.8	**2,930**	**2,890**	<5.8	**7,830**	**5,490**	**2,340**
92548816	AD4 (0-2')_20210708	N/A	07/08/2021	<4.2	<4.2	<4.2	<4.2	<165	<8.2	<165	<8.2	<8.2	<8.2	<8.2	<8.2	<16.5	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	**9.1**	<33	<82.4	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<16.5	<16.5	<8.2
92548816	AD4 (22-24')_20210708	N/A	07/08/2021	**11,600**	**3,140**	**1,130**	**15,900**	<12,900	**29,300**	<12,900	<644	<644	<644	<644	<644	<1290	<644	<644	<644	<644	<644	**130,000**	**10,600**	**10,100**	<2,580	**9,090**	<644	**24,600**	<644	**5,080**	<644	<644	**397,000**	**243,000**	**72,500**	**625,000**	**451,000**	**174,000**
92548816	AD4 (36-38.5')_20210708*	N/A	07/08/2021	**9.6**	**3.5**	<3.4	**13.8**	**191**	**384**	**58.9J**	<6.2	<6.2	<6.2	<6.2	<6.2	<12.3	<6.2	<6.2	<6.2	<6.2	**110**	**185**	**16.0**	**15.9**	<24.6	<61.5	<6.2	**159**	<6.2	**9.7**	<6.2	<6.2	**1,190**	**339**	<6.2	**1,000**	**676**	**327**
92548816	ADO (0-2')_20210708	N/A	07/08/2021	<4.3	**8.4**	<4.3	**15.4**	**68J**	<9.1	<182	<9.1	<9.1	<9.1	<9.1	<9.1	<18.2	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	**63.7**	<36.4	<91	<9.1	**9.4**	<9.1	<9.1	<9.1	<9.1	**12.6**	**31.1**	<9.1	**44.8**	**30.0**	**14.8**
92548816	ADO (20-22')_20210708	N/A	07/08/2021	<3.2	<3.2	<3.2	<3.2	<126	**8.2**	<126	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<6.3	<6.3	<6.3	<6.3	**4.1J**	**7.9**	<6.3	<6.3	<25.2	<63	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	**36.2**	**5.7J**	<6.3	**34.1**	**24.6**	**9.6**
92548816	ADO (44-46')_20210708*	N/A	07/08/2021	**93.6**	**33.2**	**11.2**	**138**	<253	**465**	<253	<12.7	<12.7	<12.7	<12.7	<12.7	<25.3	<12.7	<12.7	<12.7	<12.7	**53.2**	**1,640**	**169**	**142**	**102**	<127	<12.7	**397**	**489**	**75**	<12.7	<12.7	**4,660**	**2,850**	**785**	**8,720**	**6,110**	**2,610**
92548983	AD1 (0-2')_20210709	N/A	07/09/2021	<3.8	<3.8	<3.8	**5.0**	<158	<7.9	<158	<7.9	<7.9	<7.9	<7.9	<7.9	<15.8	<7.9	<7.9	<7.9	<7.9	<7.9	**7.9**	<7.9	**55.6**	<31.6	<78.9	<7.9	**5.3J**	<7.9	**14.4**	<7.9	<7.9	**27.8**	**15.6**	<7.9	**61.5**	**48.5**	**13.0**
92548983	AD1 (16-18')_20210709	N/A	07/09/2021	**177**	**557**	**323**	**1,060**	**1,180J**	<175	<3,490	**5,300**	<175	<175	<175	<175	<349	<175	<175	<175	<175	**15,000**	**3,080**	**4,350**	**2,240**	**1,440J**	<175	**12,900**	<175	**1,040**	<175	<175	**3,920**	**83,900**	**24,500**	**106,000**	**69,400**	**36,600**
92548983	AD1 (44-46')_20210709*	N/A	07/09/2021	**6,020**	**1,820**	**665**	**8,500**	<5,170	**20,900**	<5,170	**5,650**	<258	<258	<258	<258	<517	<258	<258	<258	<258	**1,320**	**73,500**	**5,630**	**5,380**	<1,030	**4,140**	<258	**13,900**	**21,000**	**3,000**	<258	<258	**212,000**	**115,000**	**32,600**	**372,000**	**264,000**	**108,000**
92548983	AD2 (0-2')_20210709	N/A	07/09/2021	<4.6	<4.6	<4.6	<4.6	**112J**	<8.5	<169	<8.5	<8.5	<8.5	<8.5	<8.5	<16.9	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	**10.2**	<33.8	<84.5	**4.8J**	<8.5	<8.5	<8.5	<8.5	<8.5	**23.0**	**7.3J**	<8.5	**29.1**	**21.5**	**7.6J**
92548983	AD2 (18-20')_20210709*	N/A	07/09/2021	**10,500**	**3,990**	**1,430**	**15,900**

Table 2
Summary of Delineation Soil Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																																
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene
Soil-to-Water MSCCs				**68**	**540**	**31**	**NE**	**24,000**	**7.2**	**16,000**	**2,400**	**2,200**	**1,700**	**440**	**340**	**14**	**NE**	**280**	**30**	**1.9**	**320**	**8,000**	**1,300**	**120**	**23**	**420**	**85**	**200**	**1,400**	**900**	**4**	**5.0**	**5,400**	**6,600**	**6,600**	**6,000**	**NE**	**NE**
Residential MSCCs				**625**	**1,560**	**469**	**NE**	**14,000,000**	**12,000**	**9,380,000**	**782,000**	**1,560,000**	**1,560,000**	**312,000**	**21,000**	**51,000**	**NE**	**312,000**	**116,000**	**7,290**	**NE**	**60,300**	**1,560,000**	**1,560,000**	**93,800**	**1,250,000**	**156,000**	**5,500**	**1,560,000**	**3,120,000**	**25,200**	**93,800**	**1,250,000**	**156,000**	**156,000**	**3,120,000**	**NE**	**NE**
Industrial / Commercial MSCCs				**9,340**	**23,300**	**7,000**	**NE**	**210,000,000**	**59,400**	**140,000,000**	**11,600,000**	**23,300,000**	**23,300,000**	**4,670,000**	**105,000**	**251,000**	**NE**	**4,670,000**	**573,000**	**35,900**	**2,330,000**	**297,000**	**23,300,000**	**23,300,000**	**1,400,000**	**18,600,000**	**1,810,000**	**27,000**	**23,300,000**	**46,700,000**	**125,000**	**1,400,000**	**18,600,000**	**2,330,000**	**2,330,000**	**46,700,000**	**NE**	**NE**
92548986	AD6 (34-36')_20210710*	N/A	07/10/2021	**34.9**	**9.4**	<2.8	**45.8**	<115	**261**	**37.4J**	<5.8	<5.8	<5.8	<5.8	<5.8	<11.5	<5.8	<5.8	<5.8	<5.8	**33.5**	**216**	<5.8	**47.3**	<23.1	<57.6	**8.1**	**204**	<5.8	<5.8	<5.8	<5.8	**1,200**	**445**	<5.8	**1,160**	**775**	**388**
92548986	AD7 (0-2')_20210710	N/A	07/10/2021	<3.5	<3.5	<3.5	<3.5	<141	<7.1	<141	<7.1	<7.1	<7.1	<7.1	<7.1	<14.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<28.2	<70.6	<7.1	**8.3**	<7.1	<7.1	<7.1	<7.1	**15.9**	**8.4**	<7.1	**25**	**19.4**	**5.6J**
92548986	AD7 (24-26')_20210710	N/A	07/10/2021	**11.5**	<3.2	<3.2	**12.7**	<126	**43.9**	<126	<6.3	<6.3	**31.7**	<6.3	<6.3	<12.6	<6.3	<6.3	<6.3	<6.3	<6.3	**14.3**	<6.3	<6.3	<25.3	<63.2	<6.3	**8.1**	<6.3	<6.3	<6.3	<6.3	**139**	**23.7**	<6.3	**83.9**	**53.4**	**30.5**
92548986	AD7 (28-30')_20210710*	N/A	07/10/2021	**5,620**	**1,560**	**579**	**7,760**	<4,590	**12,000**	<4,590	**5,820**	<230	<230	<230	<230	<459	<230	<230	<230	<230	**450**	**52,200**	**4,610**	<230	<918	**4,400**	<230	**13,800**	<230	**2,160**	<230	<230	**154,000**	**107,000**	**31,800**	**258,000**	**183,000**	**75,000**
92548986	AD8 (0-2')_20210710	N/A	07/10/2021	<3.1	<3.1	<3.1	<3.1	<121	<6.1	<121	<6.1	<6.1	<6.1	<6.1	<6.1	<12.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<24.3	<60.7	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	**13.8**	**3.4J**	<6.1	**15.2**	**12.1J**	**3J**
92548986	AD8 (20-22')_20210710	N/A	07/10/2021	<3.4	<3.4	<3.4	<3.4	<138	<6.9	<138	<6.9	<6.9	<6.9	<6.9	<6.9	<13.8	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<27.6	<68.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	**13.2**	<6.9	<6.9	**10.8J**	**10.8J**	<6.9
92548986	AD8 (36-38')_20210710*	N/A	07/10/2021	<3.2	<3.2	<3.2	<3.2	<123	**84.8**	<123	<6.2	<6.2	<6.2	<6.2	<6.2	<12.3	<6.2	<6.2	<6.2	<6.2	**11.1**	**18.4**	<6.2	<6.2	<24.6	<61.6	**5.2J**	**7**	<6.2	<6.2	<6.2	<6.2	**238**	**14.5**	<6.2	**115**	**76.9**	**38.3**
92549238	AD 9 (0-2')_20210712	N/A	07/12/2021	<4.1	<4.1	<4.1	<4.1	<153	<7.7	<153	<7.7	<7.7	<7.7	<7.7	<7.7	<15.3	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<30.7	<76.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	**9.1**	<7.7	<7.7	<15.3	<15.3	<7.7
92549238	AD 9 (26-28')_20210712	N/A	07/12/2021	**51.5**	**10.2**	<3	**61.7**	<123	<6.1	<123	<6.1	<6.1	<6.1	<6.1	<6.1	<12.3	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	**137**	<24.5	<61.3	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	**7.8**	<6.1	<6.1	<12.3	<12.3	<6.1
92549238	AF 7 (0-2')_20210712	N/A	07/12/2021	<4.2	<4.2	<4.2	<4.2	<155	**28**	<155	<7.8	<7.8	<7.8	<7.8	<7.8	<15.5	<7.8	<7.8	<7.8	<7.8	<7.8	**17.5**	<7.8	<7.8	<31	<77.6	<7.8	**5.7J**	<7.8	<7.8	<7.8	<7.8	**140**	**22.1**	**7.5J**	**101**	**68.1**	**32.5**
92549238	AF 7 (22-24')_20210712	N/A	07/12/2021	<3.3	<3.3	<3.3	<3.3	<124	<6.2	<124	<6.2	<6.2	<6.2	<6.2	<6.2	<12.4	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	**17.2**	<24.8	<61.9	<6.2	**4.2J**	<6.2	<6.2	<6.2	<6.2	**12.6**	**15.9**	<6.2	**18.1**	**10.6J**	**7.6**
92549238	AF 7 (38-40')_20210712*	N/A	07/12/2021	<3.3	<3.3	<3.3	<3.3	<127	**66.7**	**35.3J**	<6.3	<6.3	<6.3	<6.3	<6.3	<12.7	<6.3	<6.3	<6.3	<6.3	**45.9**	**6.9**	<6.3	<6.3	<25.3	<63.3	**32.8**	**9.1**	<6.3	<6.3	<6.3	<6.3	**111**	**15.1**	<6.3	**58.1**	**33.7**	**24.4**
92549238	AF 8 (0-2')_20210712	N/A	07/12/2021	<3.2	<3.2	<3.2	**5.7**	**57.8J**	**34.3**	<139	<6.9	<6.9	<6.9	<6.9	<6.9	<13.9	<6.9	<6.9	<6.9	<6.9	<6.9	**56.1**	**4.9J**	<6.9	<27.8	<69.4	<6.9	**27.3**	<6.9	**3.6J**	<6.9	<6.9	**251**	**117**	<6.9	**321**	**213**	**108**
92549238	AF 8 (16-18')_20210712	N/A	07/12/2021	**4.5**	<3.4	<3.4	**5.5**	<135	**33.1**	<135	<6.7	<6.7	<6.7	<6.7	<6.7	<13.5	<6.7	<6.7	<6.7	<6.7	**8.3**	**5.1J**	<6.7	**21.2**	<26.9	<67.3	<6.7	**11.3**	<6.7	<6.7	<6.7	<6.7	**54.4**	**30**	<6.7	**50.9**	**23.7**	**27.2**
92549238	AF 8 (36-38')_20210712*	N/A	07/12/2021	<2.8	<2.8	<2.8	<2.8	<120	**4.2J**	<120	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<6	<6	<24	<59.9	<6	<6	<6	<6	<6	<6	**15.9**	**5.7J**	<6	**14.8**	**9.6J**	**5.2J**
92549238	AF 9 (0-2')_20210712	N/A	07/12/2021	<3.3	<3.3	<3.3	<3.3	<131	<6.5	<131	<6.5	<6.5	<6.5	<6.5	<6.5	<13.1	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<26.2	<65.4	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	**4.6J**	<6.5	<6.5	<13.1	<13.1	<6.5
92549238	AF 9 (18-20')_20210712	N/A	07/12/2021	<3.2	<3.2	<3.2	<3.2	<124	**25**	<124	<6.2	<6.2	<6.2	<6.2	<6.2	<12.4	<6.2	<6.2	<6.2	<6.2	**7.2**	**10.9**	<6.2	<6.2	<24.9	<62.2	<6.2	**5.9J**	<6.2	<6.2	<6.2	<6.2	**77.0**	**24.8**	<6.2	**87.8**	**49.0**	**38.7**
92549238	AF 9 (28-30')_20210712*	N/A	07/12/2021	**126**	**118**	**79.9**	**325**	**144J**	**31.9**	<279	**681**	<14	<14	<14	<14	<27.9	<14	<14	<14	<14	**19.2**	**636**	<14	<14	**433**	**279**	<14	**2,480**	**993**	**43.6**	<14	<14	**418**	**7,670**	**2,190**	**4,100**	**2,550**	**1,550**
92549416	AF1 (0-2')_20210713	N/A	07/13/2021	<4.5	<4.5	<4.5	**5.1**	<182	<9.1	<182	<9.1	<9.1	<9.1	<9.1	<9.1	<18.2	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	<36.5	<91.2	<9.1	<9.1	<9.1	<9.1	<9.1	<9.1	**11.7**	<9.1	<9.1	<18.2	<18.2	<9.1
92549416	AF1 (14-16')_20210713	N/A	07/13/2021	**266**	**583**	**392**	**1,240**	<149	**40.5**	<149	**326**	<7.4	<7.4	<7.4	<7.4	<14.9	<7.4	<7.4	<7.4	<7.4	<7.4	**592**	<7.4	**264**	<29.7	<74.3	<7.4	**1,060**	**583**	**38.7**	<7.4	<7.4	**1,330**	**4,460**	**1,200**	**3,810**	**2,450**	**1,360**
92549416	AF1 (28-30')_20210713*	N/A	07/13/2021	**23,000**	**6,340**	**2,120**	**31,400**	<26,100	**114,000**	<26,100	**28,500**	<1,310	<1,310	<1,310	<1310	<2610	<1,310	<1,310	<1,310	<1,310	**5,450**	**374,000**	**26,900**	**23,500**	<5,220	<13,100	<1,310	**60,300**	<1,310	**14,600**	<1,310	<1,310	**1,150,000**	**542,000**	<1,310	**1,860,000**	**1,330,000**	**526,000**
92549416	AF2 (0-2')_20210713	N/A	07/13/2021	<4	<4	<4	<4	<168	<8.4	<168	<8.4	<8.4	<8.4	<8.4	<8.4	<16.8	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<33.6	<83.9	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	**10.9**	<8.4	<8.4	<16.8	<16.8	<8.4
92549416	AF2 (10-12')_20210713	N/A	07/13/2021	<3.6	<3.6	<3.6	**6.5**	<155	**23.4**	<155	<7.7	<7.7	<7.7	<7.7	<7.7	<15.5	<7.7	<7.7	<7.7	<7.7	<7.7	**22.4**	<7.7	<7.7	<31	<77.5	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	**228**	**20.7**	<7.7	**144**	**98.9**	**44.8**
92549416	AF2 (24-26')_20210713	N/A	07/13/2021	**15,500**	**4,320**	**1,370**	**21,200**	<12,300	**56,600**	<12,300	**18,500**	<617	<617	<617	<617	<1230	<617	<617	<617	<617	**2,760**	**198,000**	**15,000**	**14,300**	<2,470	**13,200**	<617	**34,000**	**59,200**	**7,860**	<617	<617	**599,000**	**323,000**	**93,000**	**973,000**	**697,000**	**277,000**
92549416	AF3 (0-2')_20210713	N/A	07/13/2021	<3	<3	<3	<3	<123	<6.2	<123	<6.2	<6.2	<6.2	<6.2	<6.2	<12.3	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	**4J**	<24.6	<61.6	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	**7.3**	**3.7J**	<6.2	**7.5J**	**7.5J**	<6.2
92549416	AF3 (10-12')_20210713	N/A	07/13/2021	<3.9	<3.9	<3.9	<3.9	<162	**9.9**	<162	<8.1	<8.1	<8.1	<8.1	<8.1	<16.2	<8.1	<8.1	<8.1	<8.1	<8.1	**6.3J**	<8.1	<8.1	<32.4	<81	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	**46.2**	**19.4**	<8.1	**62.2**	**40.5**	**21.7**
92549416	AF3 (32-34')_20210713*	N/A	07/13/2021	**1,600**	**981**	**368**	**2,940**	<5,150	**4,730**	<5,150	**4,830**	<257	<257	<257	<257	<515	<257	<257	<257	<257	**384**	**45,500**	**4,070**	**4,410**	<1,030	**3,160**	**163J**	**12,200**	<257	**2,090**	<257	<257	**93,000**	**91,800**	**25,500**	**243,000**	**169,000**	**73,300**
92549416	AF4 (0-2')_20210713	N/A	07/13/2021	<3.2	<3.2	<3.2	**4.8**	<135	<6.8	<135	<6.8	<6.8	<6.8	<6.8	<6.8	<13.5	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<27.1	<67.7	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	**5.3J**	**4.2J**	<6.8	<13.5	<13.5	<6.8
92549416	AF4 (10-12')_20210713	N/A	07/13/2021	**449**	**156**	**87.5**	**693**	<1,730	**1,250**	<1,730	**2,470**	<86.7	<86.7	<86.7	<86.7	<173	<86.7	<86.7	<86.7	<86.7	**44.0J**	**14,800**	**1,840**	**2,100**	<347	**1,520**	<86.7	**5,900**	<86.7	**723**	<86.7	<86.7	**27,200**	**46,600**	**13,900**	**82,100**	**57,700**	**24,400**
92549416	AF4 (34-35')_20210713*	N/A	07/13/2021	**8,310**	**2,240**	**809**	**11,400**	<11,500	**33,200**	<11,500	**10,000**	<574	<574	<574	<574	<1150	<574	<574	<574	<574	**1,360**	**124,000**	**9,940**	**9,300**	<2,290	**7,030**	<574	**22,300**	<574	**4,960**	<574	<574	**379,000**	**211,000**	**61,200**	**623,000**	**447,000**	**176,000**
92549416	AF5 (0-2')_20210713	N/A	07/13/2021	<3.7	<3.7	<3.7	<3.7	**90.2J**	**4.5J**	<150	<7.5	<7.5	<7.5	<7.5	<7.5	<15	<7.5	<7.5	<7.5	<7.5	<7.5	**12.8**	<7.5	<7.5	<29.9	<74.8	<7.5	**12.3**	<7.5	<7.5	<7.5	<7.5	**45.0**	**43.7**	**14.7**	**84.6**	**60.3**	**24.3**
92549416	AF5 (14-16')_20210713	N/A	07/13/2021	**3.9**	<3.6	<3.6	**4.6**	<139	**211**	<139	<7	<7	<7	<7	<7	<13.9	<7	<7	<7	<7	**21.0**	**24.4**	<7	<7	<27.9	<69.7	<7	**4.0J**	<7	<7	<7	<7	**338**	**40.2**	**12.5**	**138**	**86.9**	**51.2**
92549416	AF5 (32-34')_20210713	N/A	07/13/2021	**17,400**	**3,810**	**1,450**	**22,600**	<12,400	**56,800**	<12,400	**17,600**	<620	<620	<620	<620	<1240	<620	<620	<620	<620	**2,290**	**197,000**	**16,100**	**15,300**	<2,480	**14,900**	<620	**37,900**	<620	**7,980**	<620	<620	**619,000**	**357,000**	**105,000**	**970,000**	**696,000**	**274,000**
92549416	AF6 (0-2')_20210713	N/A	07/13/2021	<3.9	<3.9	<3.9	<3.9	<141	<7.1	<141	<7.1	<7.1	<7.1	<7.1	<7.1	<14.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	**4.8J**	<28.2	<70.5	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	**14.4**	<7.1	<7.1	<14.1	<14.1	<7.1
92549416	AF6 (22-24')_20210713	N/A	07/13/2021	**11.9**	**3.9**	<3.2	**16.2**	<121	**543**	<121	<6.1	<6.1	<6.1	<6.1	<6.1	<12.1	<6.1	<6.1	<6.1	<6.1	**57.0**	**241**	<6.1	**84.5**	<24.2	<60.6	<6.1	**115**	<6.1	**12.8**	<6.1	<6.1	**1,680**	**476**	**138**	**1,240**	**848**	**391**
92549416	AF6 (40-41')_20210713*	N/A	07/13/2021	**20.9**	**8.3**	<2.8	**31.9**	**45.1J**	**109**	<116	<5.8	<5.8	<5.8	<5.8	<5.8	<11.6	<5.8	<5.8	<5.8	<5.8	**29.9**	**200**	**22.3**	**31.0**	<23.2	<57.9	<5.8	**143**	<5.8	**10.5**	<5.8	<5.8	**694**	**548**	**161**	**1,030**	**712**	**320**
92550079	ACO AO 0-2_20210715	N/A	07/15/2021	<3.7	<3.7	<3.7	**3.9**	**9.1**	<134	<6.7	<134	<6.7	<6.7	<6.7	<6.7	<13.4	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	**31.5**	<26.8	<66.9	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	**6.7**	**4.4J**	<6.7	<13.4	<13.4	<6.7
92550079	ACO AO 8-10_20210715	N/A	07/15/2021	<3.9	<3.9	<3.9	<3.9	<148	<7.4	<148	<7.4	<7.4	<7.4	<7.4	<7.4	<14.8	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	**18.6**	<29.5	<73.9	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	**8.8**	**8.7**	<7.4	<14.8	<14.8	<7.4
92550079	ACOO 0-2_20210715	N/A	07/15/2021	<3.4	<3.4	<3.4	<3.4	<147	<7.4	<147	<7.4	<7.4	<7.4	<7.4	<7.4	<14.7	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<29.4	<73.5	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<14.7	<14.7	<7.4
92550079	ACOO 26-28_20210715	N/A	07/15/2021	**21.6**	**16.2**	**7.0**	**44.8**	<133	**55.1**	<133	<6.6	<6.6	<6.6	<6.6	<6.6	<13.3	<6.6	<6.6	<6.6	<6.6	**12.1**	**192**	**22.2**	**28.7**	<26.5	<66.3	<6.6	**185**	<6.6	**12.1**	<6.6	<6.6	**498**	**574**	**159**	**1,180**	**781**	**403**
92550079	ADOO 0-2_20210715	N/A	07/15/2021	<3.6	<3.6	<3.6	**5.4**	<139	<6.9	<139	**30.8**	<6.9	<6.9	<6.9	<6.9	<13.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	**343**	<27.7	<69.4	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	**4.8J**	<6.9	<6.9	<13.9	<13.9	<6.9
92550079	ADOO 24-26_20210715	N/A	07/15/2021	**43.2**	**19.2**	**8.5**	**70.9**	<121	**51.9**	<121	**63.3**	<6	<6	<6	<6	<12.1	<6	<6	<6	<6	**9.6**	**283**	**40.7**	**56.6**	<24.1	<60.3	<6	**357**	<6	**15.4**	<6	<6	**447**	**996**	**277**	**1,660**	**1,110**	**547**
92550079	AEO 0-2_20210715	N/A	07/15/2021	<3.3	<3.3	<3.3	<3.3	<133	<6.6	<133	<6.6	<6.6	<6.6	<6.6	<6.6	<13.3	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	**49.4**	<26.5	<66.3	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	**3.4J**	<6.6	<6.6	<13.3	<13.3	<6.6
92550079	AEO 8-10_20210715	N/A	07/15/2021	<3.5	<3.5	<3.5	<3.5	<140	<7	<140	<7	<7	<7	<7	<7	<14	<7	<7	<7	<7	<7	<7	<7	<7	<27.9	<69.8	<7	<7	<7	<7	<7	<7	**3.7J**	<7	<7	<14	<14	<7
92550079	AEOO 0-2_20210715	N/A	07/15/2021	<3.6	<3.6	<3.6	<3.6	<126	<6.3	<126	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	**5.5J**	<25.2	<63	<6.3	**8.0**	<6.3	<6.3	<6.3	<6.3	**9.7**	**7.5**	<6.3	**16.0**	**11.5J**	**4.5J**
92550079	AEOO 12-14_20210715	N/A	07/15/2021	<3.6	<3.6	<3.6	<3.6	<140	<7	<140	<7	<7	<7	<7	<7	<14	<7	<7	<7	<7	<7	<7	<7	<7	<27.9	<69.8	<7	<7	**13.0**	<7	<7	<7	**5.7J**	**4.0J**	<7	<14	<14	<7
92550085	ACOAO 42-44_20210715*	N/A	07/15/2021	**1,180**	**749**	**282**	**2,210**	<1,460	**1,270**	**1,170J**	**1,460**	<73	<73	<73	<73	<146	<73	<73	<73	<73	**166**	**13,800**	**1,400**	**1,450**	<292	**1,120**	<73	**4,750**	**5,260**	**55J**	<73	<73	**30,300**	**29,900**	**8,550**	**83,900**	**58,500**	**25,300**
92550085	ACOO 40-4.5_20210715*	N/A	07/15/2021	**10.1**	**5.8**	<3	**16.6**	<127	**356**	**37.9J**	<6.3	<6.3	<6.3	<6.3	<6.3	<12.7	<6.3	<6.3	<6.3	<6.3	**67.3**	**57.1**	<6.3	<6.3	<25.4	<63.5	**21.8**	**15.5**	<6.3	<6.3	<6.3	<6.3	**771**	**32.4**	<6.3	**313**	**205**	**108**
92550085	ADOO 34-36_20210715*	N/A	07/15/2021	**3.8**	<3	<3	**5.2**	<123	**215**	<123	<6.1	<6.1	<6.1	<6.1	<6.1	<12.3	<6.1	<6.1	<6.1	<6.1	**75.6**	**58.3**	<6.1	<6.1	<24.6	<61.5	**15.6**	**22.7**	<6.1	**4.6J**	<6.1	<6.1	**625**	**48.9**	<6.1	**356**	**241**	**114**
92550085	AEO 22-24_20210715	N/A	07/15/2021	<3.7	<3.7	<3.7	<3.7	<139	<6.9	<139	<6.9	<6.9	<6.9	<6.9	<6.9	<13.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<27.7	<69.3	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<13.9	<13.9	<6.9
92550085	AEOO 32-34_20210715*	N/A	07/15/2021	<3.4	<3.4	<3.4	<3.4	<132	<6.6	<132	<6.6	<6.6	<6.6	<6.6	<6.6	<13.2	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<26.4	<66	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	**5J**	<6.6	<6.6	<13.2	<13.2	<6.6
92550088	AAOO 0-2_20210714	N/A	07/14/2021	<3.1	<3.1	<3.1	<3.1	<125	<6.3	<125	**6J**	<6.3	<6.3	<6.3	<6.3	<12.5	<6.3	<6.3	<6.3	<6.3	<6.3	**4.5J**	<6.3	**14.8**	<25	<62.5	<6.3	**16.4**	<6.3	<6.3	<6.3	<6.3	**15.8**	**35.6**	<6.3	**39.5**	**27.8**	**11.7**
92550088	AAOO 4-6_20210714	N/A	07/14/2021	<3.3	<3.3	<3.3	**4.8**	<147	<7.4	<147	<7.4	<7.4	<7.4	<7.4	<7.4	<14.7	<7.4	<7.4	<7.4	<7.4	<7.4	**23.2**	<7.4	<7.4	<29.5	**16.7J**	<7.4	**27.0**	<7.4	<7.4	<7.4	<7.4	**28.6**	**121**	**38.7**	**145**	**102**	**43.4**
92550088	ABOO 0-2_20210714	N/A	07/14/2021	<3.5	<3.5	<3.5	**5.1**	<143	<7.1	<143	<7.1	<7.1	<7.1	<7.1	<7.1	<14.3	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	**127**	<28.6	<71.4	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14.3	<14.3	<7.1
92550088	AF1A 0-2_20210714	N/A	07/14/2021	<3.3	<3.3	<3.3	**4.1**	<128	<6.4	<128	<6.4	<6.4	<6.4	<6.4	<6.4	<12.8	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.6	<64.1	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	**7.6**	**3.7J**	<6.4	**11.0J**	**11.0J**	<6.4
92550088	AF1A 22-24_20210714	N/A	07/14/2021	**41.4**	**210**	**174**	**426**	<2,440	<122	**601J**	**2,780**	<122	<122	<122	<122	<244	<122	<122	<122	<122	<122	**8,330**	**1,930**	**2,710**	<487	**601J**	<122	**7,910**	**8,300**	**698**	<122	<122	**3,890**	**52,700**	**14,800**	**65,400**	**42,300**	**23,100**
92550088	AF1B 0-2_20210714	N/A	07/14/2021	<3.1	<3.1	<3.1	<3.1	<128	<6.4	<128	<6.4	<6.4	<6.4	<6.4	<6.4	<12.8	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.6	<64	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	**3.5J**	<6.4	<6.4	<12.8	<12.8	<6.4
92550088	AF1B 24-26_20210714	N/A	07/14/2021	**3,310**	**2,880**	**1,160**	**7,350**	<6,200	**617**	**2,560J**	**8,750**	<310	<310	<310	<310	<620	<310	<310	<310	<310	<310	**124,000**	**11,400**	**9,630**	<1,240	**9710**	<310	**23,000**	**38,300**	**5,830**	<310	<310	**191,000**	**199,000**	**59,500**	**730,000**	**516,000**	**214,000**
92550088	AF1C 0-2_20210714	N/A	07/14/2021	<3.2	<3.2	<3.2	**4.2**	<130	**13**	<130	<6.5	<6.5	<6.5	<6.5	<6.5	<13	<6.5	<6.5	<6.5	<6.5	<6.5	**47.1**	<6.5	**8.1**	<26	<65.1	<6.5	**6.1J**	<6.5	<6.5	<6.5	<6.5	**164**	**41.7**	<6.5	**242**	**181**	**61.2**
92550088	AF1C 24-26_20210714	N/A	07/14/2021	<2.7	<2.7	<2.7	<2.7	<109	**4.2J**	<109	<5.5	<5.5	<5.5	<5.5	<5.5	<10.9	<5.5	<5.5	<5.5	<5.5	<5.5	**7.8**	<5.5	<5.5	<21.9	<54.6	<5.5	**10.2**	<5.5	<5.5	<5.5	<5.5	**27.7**	**21.6**	<5.5	**43.9**	**28.2**	**15.8**
92550088	AF1D 0-2_20210714	N/A	07/14/2021	<3.6	<3.6	<3.6	**4.1**	<135	<6.7	<135	<6.7	<6.7	<6.7	<6.7	<6.7	<13.5	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	**31.3**	<26.9	<67.4	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	**7.1**	**4.2J**	<6.7	<13.5	<13.5	<6.7
92550088	AF1D 24-26_20210714	N/A	07/14/2021	**38.7**	**20.9**	**10.9**	**70.5**	<125	**57.1**	**175**	**242**	<6.3	<6.3	<6.3	<6.3	<12.5	<6.3	<6.3	<6.3	<6.3	<6.3	**630**	**117**	<6.3	<25.1	**130**	<6.3	**570**	**518**	**29.5**	<6.3	<6.3	**866**	**3,170**	**933**	**3,720**	**2,620**	**1,100**
92550144	AE1 0-2_20210716	N/A	07/16/2021	<3.2	<3.2	<3.2	<3.2	<121	<6	<121	<6	<6	<6	<6	<6	<12.1	<6	<6	<6	<6	<6	<6	<6	<6	<24.2	<60.5	<6	<6	<6	<6	<6	<6	<6	**3.5J**	<6	<12.1	<12.1	<6
92550144	AE1 10-12_20210716	N/A	07/16/2021	<3.2	<3.2	<3.2	**3.2**	<123	**26.8**	<123	<6.1	<6.1	<6.1

Table 2
Summary of Delineation Soil Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																														
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene
Soil-to-Water MSCCs				**68**	**540**	**31**	**NE**	**24,000**	**7.2**	**16,000**	**2,400**	**2,200**	**1,700**	**440**	**340**	**14**	**NE**	**280**	**30**	**1.9**	**320**	**8,000**	**1,300**	**120**	**23**	**420**	**85**	**200**	**1,400**	**900**	**4**	**5.0**	**5,400**	**6,600**	**6,600**	**6,000**	**NE**	**NE**
Residential MSCCs				**625**	**1,560**	**469**	**NE**	**14,000,000**	**12,000**	**9,380,000**	**782,000**	**1,560,000**	**1,560,000**	**312,000**	**21,000**	**51,000**	**NE**	**312,000**	**116,000**	**7,290**	**NE**	**60,300**	**1,560,000**	**1,560,000**	**93,800**	**1,250,000**	**156,000**	**5,500**	**1,560,000**	**3,120,000**	**25,200**	**93,800**	**1,250,000**	**156,000**	**156,000**	**3,120,000**	**NE**	**NE**
Industrial / Commercial MSCCs				**9,340**	**23,300**	**7,000**	**NE**	**210,000,000**	**59,400**	**140,000,000**	**11,600,000**	**23,300,000**	**23,300,000**	**4,670,000**	**105,000**	**251,000**	**NE**	**4,670,000**	**573,000**	**35,900**	**2,330,000**	**297,000**	**23,300,000**	**23,300,000**	**1,400,000**	**18,600,000**	**1,810,000**	**27,000**	**23,300,000**	**46,700,000**	**125,000**	**1,400,000**	**18,600,000**	**2,330,000**	**2,330,000**	**46,700,000**	**NE**	**NE**
92550103	AF1A 40-42_20210714*	N/A	07/14/2021	**11,300**	**3,220**	**1,080**	**15,600**	<16,800	**37,500**	**23,500**	**10,700**	<838	<838	<838	<838	<1680	<838	<838	<838	<838	**3,010**	**161,000**	**12,500**	**10,700**	<3,350	**10,400**	<838	**28,400**	**47,100**	**7,450**	<838	<838	**528,000**	**238,000**	**62,600**	**908,000**	**648,000**	**260,000**
92550103	AF1B 44-46_20210714*	N/A	07/14/2021	**29.7**	**6.9**	<3.1	**37.6**	**111J**	**1,470**	**488**	<6.5	<6.5	<6.5	<6.5	<6.5	<13	<6.5	<6.5	<6.5	<6.5	**566**	**282**	**5.2J**	<6.5	<26.1	<65.2	**426**	**62.9**	<6.5	**13.5**	<6.5	<6.5	**3,650**	**163**	<6.5	**1,580**	**1,060**	**519**
92550103	AF1C 44-46_20210714*	N/A	07/14/2021	**49.6**	**26.8**	**9.1**	**85.5**	<121	**626**	**324**	<6.1	<6.1	<6.1	<6.1	<6.1	<12.1	<6.1	<6.1	<6.1	<6.1	**417**	**376**	**41.2**	**60.2**	<24.2	**37.4J**	**247**	**351**	**153**	**22.4**	<6.1	<6.1	**1,850**	**1,040**	**251**	**2,280**	**1,470**	**810**
92550103	AF1D 36-38_20210714*	N/A	07/14/2021	**8,300**	**2,490**	**874**	**11,700**	<16,300	**22,000**	<16,300	**7,200**	<815	<815	<815	<815	<1630	<815	<815	<815	<815	**1,030**	**99,400**	**8,310**	**7,490**	<3,260	**6,660J**	<815	**22,700**	**31,800**	**4,520**	<815	<815	**343,000**	**175,000**	**51,100**	**558,000**	**395,000**	**162,000**
92550329	AEA1 0-2_20210717	N/A	07/17/2021	<4.1	**11.0**	**12.9**	**27.4**	<174	<8.7	<174	<8.7	<8.7	<8.7	<8.7	<8.7	<17.4	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	**140**	<34.8	<86.9	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	**8.5J**	**11.7**	<8.7	<17.4	<17.4	<8.7
92550329	AEA1 16-18_20210717	N/A	07/17/2021	<3.7	<3.7	<3.7	**6.3**	<145	**160**	<145	<7.2	<7.2	<7.2	<7.2	<7.2	<14.5	<7.2	<7.2	<7.2	<7.2	**45.4**	**92.6**	**4.9J**	<7.2	<28.9	<72.3	<7.2	**20.1**	<7.2	**5.5J**	<7.2	<7.2	**638**	**94.2**	<7.2	**546**	**367**	**179**
92550329	AEA1 32-34_20210717*	N/A	07/17/2021	**22.9**	**4.6**	<3.5	**27.6**	<136	**978**	<136	<6.8	<6.8	<6.8	<6.8	<6.8	<13.6	<6.8	<6.8	<6.8	<6.8	**75.9**	**322**	**9**	<6.8	<27.2	<67.9	<6.8	**42.2**	<6.8	**18.5**	<6.8	<6.8	**3,360**	**164**	<6.8	**1,780**	**1,250**	**530**
92550103	AA00 36-38_20210714*	N/A	07/14/2021	**5.7**	<3.4	<3.4	**8.1**	<130	**97.5**	<130	<6.5	<6.5	<6.5	<6.5	<6.5	<13	<6.5	<6.5	<6.5	<6.5	**33.7**	**27.6**	<6.5	<6.5	<25.9	<64.9	<6.5	**31.4**	<6.5	<6.5	<6.5	<6.5	**280**	**44.2**	<6.5	**167**	**106**	**61.2**
92550103	AB00 30-32_20210714*	N/A	07/14/2021	<2.8	<2.8	<2.8	<2.8	<118	**19.5**	<118	<5.9	<5.9	<5.9	<5.9	<5.9	<11.8	<5.9	<5.9	<5.9	<5.9	**5.2J**	<5.9	<5.9	<5.9	<23.6	<58.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	**61**	**8.8**	<5.9	**31.3**	**19.8**	**11.4**
92550103	AF1A 40-42_20210714*	N/A	07/14/2021	**11,300**	**3,220**	**1,080**	**15,600**	<16,800	**37,500**	**23,500**	**10,700**	<838	<838	<838	<838	<1680	<838	<838	<838	<838	**3,010**	**161,000**	**12,500**	**10,700**	<3,350	**10,400**	<838	**28,400**	**47,100**	**7,450**	<838	<838	**528,000**	**238,000**	**62,600**	**908,000**	**648,000**	**260,000**
92550103	AF1B 44-46_20210714*	N/A	07/14/2021	**29.7**	**6.9**	<3.1	**37.6**	**111J**	**1,470**	**488**	<6.5	<6.5	<6.5	<6.5	<6.5	<13	<6.5	<6.5	<6.5	<6.5	**566**	**282**	**5.2J**	<6.5	<26.1	<65.2	**426**	**62.9**	<6.5	**13.5**	<6.5	<6.5	**3,650**	**163**	<6.5	**1,580**	**1,060**	**519**
92550103	AF1C 44-46_20210714*	N/A	07/14/2021	**49.6**	**26.8**	**9.1**	**85.5**	<121	**626**	**324**	<6.1	<6.1	<6.1	<6.1	<6.1	<12.1	<6.1	<6.1	<6.1	<6.1	**417**	**376**	**41.2**	**60.2**	<24.2	**37.4J**	**247**	**351**	**153**	**22.4**	<6.1	<6.1	**1,850**	**1,040**	**251**	**2,280**	**1,470**	**810**
92550103	AF1D 36-38_20210714*	N/A	07/14/2021	**8,300**	**2,490**	**874**	**11,700**	<16,300	**22,000**	<16,300	**7,200**	<815	<815	<815	<815	<1630	<815	<815	<815	<815	**1,030**	**99,400**	**8,310**	**7,490**	<3,260	**6,660J**	<815	**22,700**	**31,800**	**4,520**	<815	<815	**343,000**	**175,000**	**51,100**	**558,000**	**395,000**	**162,000**
92551963	AE6 (0-2)_20210727	N/A	07/27/2021	<3.7	<3.7	<3.7	<3.7	<120	<6	<120	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<6	<6	<24.1	<60.2	<6	<6	<6	<6	<6	<6	<6	<6	<12	<12	<6
92551963	AE6 (18-20)_20210727	N/A	07/27/2021	<3.5	<3.5	<3.5	<3.5	<124	**47.6**	<124	<6.2	<6.2	<6.2	<6.2	<6.2	<12.4	<6.2	<6.2	<6.2	<6.2	**5.9J**	**16.7**	<6.2	<6.2	<24.9	<62.2	<6.2	**9.1**	<6.2	<6.2	<6.2	<6.2	**134**	**25.9**	<6.2	**93.4**	**60.2**	**33.2**
92551963	AE6 (28-30)_20210727*	N/A	07/27/2021	**5,840**	**1,900**	**763**	**8,510**	<3,480	**8,510**	<3,480	**6,740**	<174	<174	<174	**261**	<348	<174	<174	<174	<174	**468**	**52,900**	**5,810**	**6,240**	<696	<1,740	<174	**17,300**	**22,500**	**2,420**	<174	<174	**126,000**	**134,000**	**40,300**	**285,000**	**207,000**	**77,900**
92551963	AE6 (28-30)_20210727MS	N/A	07/27/2021	**#N/A**	**#N/A**	**#N/A**	**#N/A**	**36,800**	**26100**	**41800**	**25000**	**19600**	**17500**	**17400**	**19600**	**19100**	**21500**	**16800**	**19100**	**17500**	**18000**	**68000**	**24900**	**24300**	**19800**	**38900**	**16600**	**32700**	**38000**	**18700**	**17400**	**18000**	**136,000**	**138000**	**55200**	**319,000**	**229,000**	**90000**
92551963	AE6 (28-30)_20210727MSD	N/A	07/27/2021	**#N/A**	**#N/A**	**#N/A**	**#N/A**	**35,100**	**25500**	**40700**	**26200**	**19700**	**17500**	**16800**	**18900**	**18500**	**21700**	**16500**	**18500**	**16700**	**17400**	**68900**	**24100**	**24000**	**18800**	**36700**	**16100**	**32900**	**39300**	**18000**	**16600**	**17000**	**139,000**	**144000**	**56500**	**324,000**	**234,000**	**90500**
92551963	AE7 (0-2)_20210727	N/A	07/27/2021	<3.7	<3.7	<3.7	<3.7	<118	<5.9	<118	<5.9	<5.9	<5.9	<5.9	<5.9	<11.8	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<23.6	<58.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	**3.3J**	<5.9	<5.9	<11.8	<11.8	<5.9
92551963	AE7 (12-24)_20210727	N/A	07/27/2021	<3.2	<3.2	<3.2	<3.2	<107	<5.3	<107	<5.3	<5.3	<5.3	<5.3	<5.3	<10.7	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<21.3	<53.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<10.7	<10.7	<5.3
92551963	AE7 (6-8)_20210727	N/A	07/27/2021	<3.5	<3.5	<3.5	<3.5	<124	<6.2	<124	<6.2	<6.2	<6.2	<6.2	<6.2	<12.4	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<24.7	<61.9	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12.4	<12.4	<6.2
92551963	AE8 (0-2)_20210727	N/A	07/27/2021	<3.9	<3.9	<3.9	<3.9	<115	<5.8	<115	<5.8	<5.8	<5.8	<5.8	<5.8	<11.5	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<23	<57.6	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	**3.9J**	<5.8	<11.5	<11.5	<5.8
92551963	AE8 (16-18)_20210727	N/A	07/27/2021	<4.1	<4.1	<4.1	<4.1	<129	<6.5	<129	<6.5	<6.5	<6.5	<6.5	<6.5	<12.9	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	**31.6**	<25.8	<64.6	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<12.9	<12.9	<6.5
92551963	AE8 (28-30)_20210727*	N/A	07/27/2021	**32.0**	**6.6**	<3.8	**39.5**	<121	**640**	**111J**	**58.4**	<6	<6	<6	<6	<12.1	<6	<6	<6	<6	**70.6**	**467**	**43.9**	**46.1**	<24.1	<60.3	<6	**154**	**166**	<6	<6	<6	**2,360**	**948**	**283**	**2,490**	**1,820**	**669**
92552232	AG4 (0-2)_20210728	N/A	07/28/2021	<4.3	<4.3	<4.3	**4.9**	<191	<9.6	<191	<9.6	<9.6	<9.6	<9.6	<9.6	<19.1	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<38.3	<95.7	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<19.1	<19.1	<9.6
92552232	AG4 (32-34)_20210728	N/A	07/28/2021	<3.2	<3.2	<3.2	<3.2	<116	<5.8	<116	<5.8	<5.8	<5.8	<5.8	<5.8	<11.6	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<23.2	<57.9	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<11.6	<11.6	<5.8
92552232	AG4 (8-10)_20210728	N/A	07/28/2021	<4	<4	<4	**4.7**	<134	<6.7	<134	<6.7	<6.7	<6.7	<6.7	<6.7	<13.4	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	**742**	<26.7	<66.9	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13.4	<13.4	<6.7
92552232	AE5 (0-2)_20210728	N/A	07/28/2021	<3.8	<3.8	<3.8	<3.8	<117	<5.8	<117	<5.8	<5.8	<5.8	<5.8	<5.8	<11.7	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<23.4	<58.4	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	**1.7J**	<5.8	<11.7	<11.7	<5.8
92552232	AE5 (16-18)_20210728	N/A	07/28/2021	<3.6	<3.6	<3.6	<3.6	<125	**14.4**	<125	<6.2	<6.2	<6.2	<6.2	<6.2	<12.5	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<24.9	<62.3	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	**28.5**	**3.5J**	<6.2	<12.5	<12.5	**3.4J**
92552232	AE5 (24-26)_20210728*	N/A	07/28/2021	**10,800**	**2,680**	**981**	**14,500**	<15,700	**34,800**	<15,700	**7,130**	<787	<787	<787	<787	<1570	<787	<787	<787	<787	**1,540**	**90,900**	**7,350**	<787	<3,150	<7,870	<787	**19,400**	**27,800**	**3,980**	<787	<787	**346,000**	**158,000**	**46,800**	**475,000**	**352,000**	**123,000**
92552232	AG5 (0-2)_20210728	N/A	07/28/2021	<5.2	<5.2	<5.2	<5.2	<161	<8	<161	<8	<8	<8	<8	<8	<16.1	<8	<8	<8	<8	<8	<8	<8	<8	<32.1	<80.3	<8	<8	<8	<8	<8	<8	<8	<8	<8	<16.1	<16.1	<8
92552232	AG5 (16-18)_20210728	N/A	07/28/2021	<3.7	<3.7	<3.7	<3.7	<128	<6.4	<128	<6.4	<6.4	<6.4	<6.4	<6.4	<12.8	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.5	<63.8	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.8	<12.8	<6.4
92552232	AG5 (24-26)_20210728	N/A	07/28/2021	**3.6**	<3.4	<3.4	**4.1**	<115	**111**	<115	<5.8	<5.8	<5.8	<5.8	<5.8	<11.5	<5.8	<5.8	<5.8	<5.8	<5.8	**29.2**	<5.8	<5.8	<23.1	<57.7	<5.8	**17.4**	<5.8	<5.8	<5.8	<5.8	**468**	**17.3**	<5.8	**153**	**96.3**	**56.4**
92552232	AG6 (0-2)_20210728	N/A	07/28/2021	<3.8	<3.8	<3.8	<3.8	<132	<6.6	<132	<6.6	<6.6	<6.6	<6.6	<6.6	<13.2	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<26.5	<66.2	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<13.2	<13.2	<6.6
92552232	AG6 (16-18)_20210728	N/A	07/28/2021	<3.6	<3.6	<3.6	<3.6	<120	**5.1J**	<120	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<6	<6	<24	<59.9	<6	<6	<6	<6	<6	<6	**10.9**	<6	<6	<12	<12	<6
92552232	AG6 (26-28)_20210728*	N/A	07/28/2021	**153**	**35.7**	**15.6**	**204**	<140	**931**	**132J**	**84.5**	<7	<7	<7	<7	<14	<7	<7	<7	<7	**80.6**	**635**	**61.1**	**67.6**	<28.1	<70.2	<7	**333**	**238**	**29.9**	<7	<7	**3,650**	**1,490**	**442**	**3,380**	**2,460**	**929**
92552521	AG1 (0-2)_20210729	N/A	07/29/2021	<4.2	<4.2	<4.2	<4.2	**632**	**11.6**	**4,070**	<9.4	<9.4	<9.4	<9.4	<9.4	<18.8	<9.4	<9.4	<9.4	<9.4	<9.4	**62.9**	**5.9J**	**93.2**	<37.6	<93.9	<9.4	**19.2**	<9.4	<9.4	<9.4	<9.4	**192**	**116**	<9.4	**342**	**251**	**91.7**
92552521	AG1 (1-16)_20210729	N/A	07/29/2021	**151**	**48.2**	**17.8**	**217**	<430	**783**	<430	**602**	<21.5	<21.5	<21.5	<21.5	<43	<21.5	<21.5	<21.5	<21.5	<21.5	**5,640**	**553**	**510**	<86.1	<215	<21.5	**1,500**	**1,800**	**270**	<21.5	<21.5	**13,600**	**10,900**	**3,060**	**31,400**	**22,900**	**8,560**
92552521	AG1 (2-4)_20210729	N/A	07/29/2021	<3.8	<3.8	<3.8	**5.8**	<149	<7.4	<149	<7.4	<7.4	<7.4	<7.4	<7.4	<14.9	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<29.7	<74.3	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<14.9	<14.9	<7.4
92552521	AG2 (0-2)_20210729	N/A	07/29/2021	<3.7	**6.3**	**8.5**	**15.8**	<152	<7.6	**328**	<7.6	<7.6	<7.6	<7.6	<7.6	<15.2	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	**266**	<30.4	<75.9	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	**4.3J**	<7.6	<7.6	<15.2	<15.2	<7.6
92552521	AG2 (10-12)_20210729	N/A	07/29/2021	<4.0	<4.0	<4.0	<4.0	<156	**4.6J**	<156	<7.8	<7.8	<7.8	<7.8	<7.8	<15.6	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<31.2	<77.9	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	**31.3**	<7.8	<7.8	**18.5**	**10.8J**	**7.7J**
92552521	AG2 (22-24)_20210729*	N/A	07/29/2021	<3.8	<3.8	<3.8	**5.6**	<184	**16.3**	<184	<9.2	<9.2	<9.2	<9.2	<9.2	<18.4	<9.2	<9.2	<9.2	<9.2	<9.2	**24.2**	<9.2	<9.2	<36.8	<92	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	**108**	**39.8**	**11.8**	**124**	**89.4**	**35.0**
92552521	AG3 (0-2)_20210729	N/A	07/29/2021	<3.6	<3.6	<3.6	<3.6	<156	<7.8	<156	<7.8	<7.8	<7.8	<7.8	<7.8	<15.6	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	**51.9**	<31.2	<77.9	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	**5.2J**	<7.8	<7.8	<15.6	<15.6	<7.8
92552521	AG3 (22-24)_20210729*	N/A	07/29/2021	**11,000**	**3,450**	**1,240**	**15,700**	<6,900	**17,900**	<6,900	**9,510**	<345	<345	<345	<345	<690	<345	<345	<345	<345	**628**	**107,000**	**9,610**	**8,730**	<1,380	**4,750**	<345	**20,800**	**34,400**	**4,850**	<345	<345	**276,000**	**190,000**	**56,300**	**579,000**	**425,000**	**154,000**
92552521	AG3 (6-8)_20210729	N/A	07/29/2021	<3.9	**5.5**	**6.5**	**13.3**	<157	<7.9	<157	<7.9	<7.9	<7.9	<7.9	<7.9	<15.7	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<31.4	<78.6	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<15.7	<15.7	<7.9
92552521	AGA1 (0-2)_20210729	N/A	07/29/2021	<4	<4	<4	<4.0	<162	<8.1	<162	<8.1	<8.1	<8.1	<8.1	<8.1	<16.2	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	**72.8**	<32.4	<80.9	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<16.2	<16.2	<8.1
92552521	AGA1 (16-18)_20210729	N/A	07/29/2021	<3.6	<3.6	<3.6	<3.6	<140	<7	<140	<7	<7	<7	<7	<7	<14	<7	<7	<7	<7	<7	<7	<7	<7	<28	<70	<7	<7	<7	<7	<7	<7	<7	<7	<7	<14	<14	<7
92552521	AGA1 (2-4)_20210729	N/A	07/29/2021	<3.4	<3.4	<3.4	<3.4	<153	<7.6	<153	<7.6	<7.6	<7.6	<7.6	<7.6	<15.3	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<30.5	<76.3	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<15.3	<15.3	<7.6
92552651	AC 001 (0-2)_20210730	N/A	07/30/2021	<3.1	<3.1	<3.1	<3.1	<120	<6	<120	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<6	<6	<24	<60.1	<6	<6	<6	<6	<6	<6	<6	<6	<6	<12	<12	<6
92552651	AC 001 (32-34)_20210730*	N/A	07/30/2021	<3.1	<3.1	<3.1	<3.1	<117	<5.8	<117	<5.8	<5.8	<5.8	<5.8	<5.8	<11.7	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<23.3	<58.3	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<11.7	<11.7	<5.8
92552651	AC 001 (8-10)_20210730	N/A	07/30/2021	<3.3	<3.3	<3.3	<3.3	<127	<6.3	<127	<6.3	<6.3	<6.3	<6.3	<6.3	<12.7	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.4	<63.4	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.7	<12.7	<6.3
92552651	AC0 A00 (0-2)_20210730	N/A	07/30/2021	<4.1	<4.1	<4.1	<4.1	<167	<8.4	**996**	<8.4	<8.4	<8.4	<8.4	<8.4	<16.7	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<33.4	<83.6	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<16.7	<16.7	<8.4
92552651	AC0 A00 (10-12)_20210730	N/A	07/30/2021	<3.3	<3.3	<3.3	<3.3	<134	<6.7	<134	<6.7	<6.7	<6.7	<6.7	<6.7	<13.4	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<26.9	<67.1	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13.4	<13.4	<6.7
92552651	AC0 A00 (32-34)_20210730*	N/A	07/30/2021	<2.7	<2.7	<2.7	<2.7	<108	<5.4	<108	<5.4	<5.4	<5.4	<5.4	<5.4	<10.8	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<21.6	<54.1	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<10.8	<10.8	<5.4
Soil Delineation Samples (Area B)																																						
92541434	A5 (4-6')	N/A	05/27/2021	<4.3	<4.3	<4.3	<4.3	<187	<9.3	<187	<9.3	<9.3	<9.3	<9.3	<9.3	<18.7	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<37.4	<93.4	**17.4**	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<18.7	<18.7	<9.3
92542469	A5 (7-9')_20210603	N/A	06/03/2021	<3.8	<3.8	<3.8	<3.8	<141	<7.1	<141	<7.1	<7.1	<7.1	<7.1	<7.1	<14.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<28.3	<70.7	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	**4.7J**	<7.1	<7.1	<14.1	<14.1	<7.1
92541434	A6 (4-6')	N/A	05/27/2021	<3.3	<3.3	<3.3	<3.3	<147	<7.4	<147	<7.4	<7.4	<7.4	<7.4	<7.4	<14.7	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<29.5	<73.7	**10.6**	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<14.7	<14.7	<7.4
92542469	A6 (8-10')_20210603	N/A	06/03/2021	<4.9	<4.9	<4.9	<4.9	<131	<6.5	<131	<6.5	<6.5	<6.5	<6.5	<6.5	<13.1	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<26.1	<65.3	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	**5.1J**	<6.5	<6.5	<13.1	<13.1	<6.5
92541434	A7 (8-10')	N/A	05/27/2021	<4.1	<4.1	<4.1	<4.1	<172	<8.6	<172	<8.6	<8.6	<8.6	<8.6	<8.6	<17.2	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<34.3	<85.8	**18.0**	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<17.2	<17.2	<8.6
92541039	A8(8'-10')	N/A	05/26/2021	<3.5	<3.5	<3.5	<3.5	<157	<7.8	<157	<7.8	<7.8	<7.8	<7.8	<7.8	<15.7	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<31.3	<78.3	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<15.7	<15.7	<7.8
92541039	A9(10'-12')	N/A	05/26/2021	<4	<4	<4	<4	<164	<8.2	<164	<8.2	<8.2	<8.2	<8.2	<8.2	<16.4	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<32.8	<81.9	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<16.4	<16.4	<8.2
92541039	A10(16'-18')	N/A	05/26/2021	<4	<4	<4	<4	<171	<8.5	<171	<8.5	<8.5	<8.5	<8.5	<8.5	<17.1	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<34.2	<85.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<17.1	<17.1	<8.5
92541039	A11(14'-16')	N/A	05/25/2021	<4	<4	<4	<4	<152	<7.6	<152	<7.6	<7.6	<7.6	<7.6	<7.6	<15.2	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<30.4	<76	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<15.2	<15.2	<7.6
92541039	A12(20'22')	N/A	05/25/2021	<3.5	<3.5	<3.5	<3.5	<147	<7.3	<147	<7.3	<7.3	<7.3	<7.3	<7.3

Table 2
Summary of Delineation Soil Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																														
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene
Soil-to-Water MSCCs				**68**	**540**	**31**	**NE**	**24,000**	**7.2**	**16,000**	**2,400**	**2,200**	**1,700**	**440**	**340**	**14**	**NE**	**280**	**30**	**1.9**	**320**	**8,000**	**1,300**	**120**	**23**	**420**	**85**	**200**	**1,400**	**900**	**4**	**5.0**	**5,400**	**6,600**	**6,600**	**6,000**	**NE**	**NE**
Residential MSCCs				**625**	**1,560**	**469**	**NE**	**14,000,000**	**12,000**	**9,380,000**	**782,000**	**1,560,000**	**1,560,000**	**312,000**	**21,000**	**51,000**	**NE**	**312,000**	**116,000**	**7,290**	**NE**	**60,300**	**1,560,000**	**1,560,000**	**93,800**	**1,250,000**	**156,000**	**5,500**	**1,560,000**	**3,120,000**	**25,200**	**93,800**	**1,250,000**	**156,000**	**156,000**	**3,120,000**	**NE**	**NE**
Industrial / Commercial MSCCs				**9,340**	**23,300**	**7,000**	**NE**	**210,000,000**	**59,400**	**140,000,000**	**11,600,000**	**23,300,000**	**23,300,000**	**4,670,000**	**105,000**	**251,000**	**NE**	**4,670,000**	**573,000**	**35,900**	**2,330,000**	**297,000**	**23,300,000**	**23,300,000**	**1,400,000**	**18,600,000**	**1,810,000**	**27,000**	**23,300,000**	**46,700,000**	**125,000**	**1,400,000**	**18,600,000**	**2,330,000**	**2,330,000**	**46,700,000**	**NE**	**NE**
92541461	F1 (16-18')	N/A	05/28/2021	<3.3	<3.3	<3.3	<3.3	<138	<6.9	<138	<6.9	<6.9	<6.9	<6.9	<6.9	<13.8	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<27.6	<68.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<13.8	<13.8	<6.9
92542469	F16 (36-37')_20210603	N/A	06/03/2021	<3.3	<3.3	<3.3	<3.3	<144	<7.2	<144	<7.2	<7.2	<7.2	<7.2	<7.2	<14.4	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<28.7	<71.8	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	**4.4J**	<7.2	<14.4	<14.4	<7.2
92541461	G1 (16-18')	N/A	05/28/2021	<3.5	<3.5	<3.5	<3.5	<149	<7.5	<149	<7.5	<7.5	<7.5	<7.5	<7.5	<14.9	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<29.8	<74.6	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<14.9	<14.9	<7.5
92541693	G16 (32'-34')	N/A	06/01/2021	<3.4	<3.4	<3.4	<3.4	<151	<7.5	<151	<7.5	<7.5	<7.5	<7.5	<7.5	<15.1	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<30.1	<75.3	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<15.1	<15.1	<7.5
92541693	G16(28'-30')	N/A	06/01/2021	<4.6	<4.6	<4.6	<4.6	<151	<7.6	<151	<7.6	<7.6	<7.6	<7.6	<7.6	<15.1	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<30.2	<75.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<15.1	<15.1	<7.6
92541461	H1 (16-18')	N/A	05/28/2021	<4	<4	<4	<4	<149	<7.4	<149	<7.4	<7.4	<7.4	<7.4	<7.4	<14.9	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<29.8	<74.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<14.9	<14.9	<7.4
92541693	H16 (36'-38')	N/A	06/01/2021	<3.2	<3.2	<3.2	<3.2	<129	<6.5	<129	<6.5	<6.5	<6.5	<6.5	<6.5	<12.9	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<25.8	<64.6	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	**4.1**	<6.5	<6.5	<12.9	<6.5
92541461	I1 (22-24')	N/A	05/28/2021	<3.4	<3.4	<3.4	<3.4	<139	**11.7**	<139	<7	<7	<7	<7	<7	<13.9	<7	<7	<7	<7	<7	**3.6J**	<7	<7	<27.8	<69.6	<7	<7	<7	<7	<7	<7	<7	**33.6**	<7	<7	**19.5**	**13.4J**	**6.1J**
92545117	IA1 14-16_20210617	N/A	06/17/2021	**4**	**5**	<3.9	**10**	<149	<7.5	<149	<7.5	<7.5	<7.5	<7.5	<7.5	<14.9	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	**5.6J**	<7.5	<7.5	<29.8	<74.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	**24.2**	<7.5	<7.5	**12.9J**	**12.9J**	<7.5
92541693	I16 (38'-39')	N/A	06/01/2021	<3.8	<3.8	<3.8	<3.8	<146	<7.3	<146	<7.3	<7.3	<7.3	<7.3	<7.3	<14.6	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<29.2	<72.9	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<14.6	<14.6	<7.3
92541659	J1 14-16	N/A	05/29/2021	<2.8	<2.8	<2.8	<2.8	<121	<6	<121	<6	<6	<6	<6	<6	<12.1	<6	<6	<6	<6	<6	<6	<6	<6	<24.1	<60.3	<6	**5.6J**	<6	<6	<6	<6	<6	**4.9J**	<6	<6	**5.8J**	**5.8J**	<6
92541659	J1 22-24	N/A	05/29/2021	<3	<3	<3	<3	<120	**4.1J**	<120	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	**5.1J**	<6	<6	<24	<60	<6	**4.0J**	<6	<6	<6	<6	**10.4**	<6	<6	**11.5J**	**7.7J**	**3.8J**
92541693	J16 (38'-40')	N/A	06/01/2021	<4.2	<4.2	<4.2	<4.2	<129	<6.4	<129	<6.4	<6.4	<6.4	<6.4	<6.4	<12.9	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.8	<64.5	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	**3.4**	<6.4	<6.4	<12.9	<12.9	<6.4
92541659	K2 22-24	N/A	05/29/2021	<3.2	<3.2	<3.2	<3.2	<134	**4.5J**	<134	<6.7	<6.7	<6.7	<6.7	<6.7	<13.4	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<26.8	<67.1	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	**21.9**	<6.7	<6.7	<13.4	<13.4	<6.7
92541681	K16 (42'-44')_20210531	N/A	05/31/2021	<3	<3	<3	<3	<125	<6.3	<125	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25	<62.5	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<12.5	<6.3
92541659	L3 18-20	N/A	05/29/2021	<3.5	<3.5	<3.5	<3.5	<135	<6.8	<135	<6.8	<6.8	<6.8	<6.8	<6.8	<13.5	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<27	<67.6	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	**7.4**	<6.8	<6.8	<13.5	<13.5	<6.8
92541681	L15 (42'-44')_20210531	N/A	05/31/2021	<2.7	<2.7	<2.7	<2.7	<112	<5.6	<112	<5.6	<5.6	<5.6	<5.6	<5.6	<11.2	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<22.4	<56.1	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	**5.1J**	<5.6	<5.6	<11.2	<11.2	<5.6
92541659	M3 22-24	N/A	05/29/2021	<3	<3	<3	<3	<117	<5.9	<117	<5.9	<5.9	<5.9	<5.9	<5.9	<11.7	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<23.5	<58.7	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	**4.3J**	<5.9	<5.9	<11.7	<11.7	<5.9
92542348	M11 (34-35)_20210602	N/A	06/02/2021	<3.5	<3.5	<3.5	<3.5	<131	**4.4J**	<131	<6.6	<6.6	<6.6	<6.6	<6.6	<13.1	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<26.3	<65.7	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	**11.4**	<6.6	<6.6	<13.1	<13.1	<6.6
92542348	M12 (32-34)_20210602	N/A	06/02/2021	<6.6	<6.6	<6.6	<6.6	<158	<7.9	<158	<7.9	<7.9	<7.9	<7.9	<7.9	<15.8	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<31.6	<79.1	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	**8.7**	<7.9	<7.9	<15.8	<15.8	<7.9
92542348	M13 (34-35)_20210602	N/A	06/02/2021	<3.7	<3.7	<3.7	<3.7	<149	<7.5	<149	<7.5	<7.5	<7.5	<7.5	<7.5	<14.9	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<29.9	<74.6	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	**6.6J**	<7.5	<7.5	<14.9	<14.9	<7.5
92542348	M14 (28-30)_20210602	N/A	06/02/2021	<4	<4	<4	<4	<129	<6.5	<129	<6.5	<6.5	<6.5	<6.5	<6.5	<12.9	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<25.9	<64.7	<6.5	**5.4J**	<6.5	<6.5	<6.5	<6.5	<6.5	**8.8**	<6.5	<6.5	**7.5J**	**7.5J**	<6.5
92542348	M14 (34-35)_20210602	N/A	06/02/2021	<2.9	<2.9	<2.9	<2.9	<109	<5.5	<109	<5.5	<5.5	<5.5	<5.5	<5.5	<10.9	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<21.9	<54.7	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**5J**	<5.5	<5.5	<10.9	<10.9	<5.5
92541681	M15 (33'-35')_20210531	N/A	05/31/2021	<3.2	<3.2	<3.2	<3.2	<145	<7.3	<145	<7.3	<7.3	<7.3	<7.3	<7.3	<14.5	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<29	<72.5	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	**4.2J**	<7.3	<7.3	<14.5	<14.5	<7.3
92541681	M15 (42'-43.5')_20210531	N/A	05/31/2021	<3.4	<3.4	<3.4	<3.4	<132	<6.6	<132	<6.6	<6.6	<6.6	<6.6	<6.6	<13.2	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<26.3	<65.8	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<13.2	<13.2	<6.6
92541681	N4 (18'-20')_20210531	N/A	05/31/2021	<3.8	<3.8	<3.8	<3.8	<152	**6.7J**	<152	<7.6	<7.6	<7.6	<7.6	<7.6	<15.2	<7.6	<7.6	<7.6	<7.6	<7.6	**11.6**	<7.6	<7.6	<30.4	<76	**5.7J**	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	**23.2**	<7.6	<7.6	**15.6**	**10.2J**	**5.4J**
92542469	R5 (18-20')_20210603	N/A	06/03/2021	<4.5	<4.5	<4.5	<4.5	<187	<9.4	<187	<9.4	<9.4	<9.4	<9.4	<9.4	<18.7	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<37.4	<93.6	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	**9.3J**	<9.4	<9.4	<18.7	<18.7	<9.4
92542469	R6 (16-18')_20210603	N/A	06/03/2021	<4.7	<4.7	<4.7	<4.7	<188	<9.4	<188	<9.4	<9.4	<9.4	<9.4	<9.4	<18.8	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<37.6	<93.9	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	**29.2**	<9.4	<9.4	**20.9**	**15.9J**	**5.0J**
92542469	R7 (18-20')_20210603	N/A	06/03/2021	<4	<4	<4	<4	<162	**105**	<162	<8.1	<8.1	<8.1	<8.1	<8.1	<16.2	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<32.5	<81.2	<8.1	**10.5**	<8.1	<8.1	<8.1	<8.1	**194**	**12.1**	**9.8**	**105**	**71.4**	**33.3**
92542647	R8 (18-20')_20210604	N/A	06/04/2021	<5.1	<5.1	<5.1	<5.1	<206	<10.3	<206	<10.3	<10.3	<10.3	<10.3	<10.3	<20.6	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<41.2	<103	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	**11.7**	<10.3	<10.3	<20.6	<20.6	<10.3
92542469	R9 (32-33')_20210603	N/A	06/03/2021	<3.7	<3.7	<3.7	<3.7	<143	<7.2	<143	<7.2	<7.2	<7.2	<7.2	<7.2	<14.3	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<28.6	<71.5	<7.2	**5.4J**	<7.2	<7.2	<7.2	<7.2	<7.2	**6.9J**	<7.2	<7.2	**7.9J**	**7.9J**	<7.2
92542647	R10 (24-26')_20210604	N/A	06/04/2021	<3.8	<3.8	<3.8	<3.8	<158	<7.9	<158	<7.9	<7.9	<7.9	<7.9	<7.9	<15.8	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<31.6	<79	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	**7.6J**	<7.9	<7.9	<15.8	<15.8	<7.9
92542647	R10 (28-30')_20210604	N/A	06/04/2021	<3.5	<3.5	<3.5	<3.5	<143	<7.2	<143	<7.2	<7.2	<7.2	<7.2	<7.2	<14.3	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<28.6	<71.6	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	**6.7J**	<7.2	<7.2	<14.3	<14.3	<7.2
92545117	S7 20-22_20210617	N/A	06/17/2021	**10.2**	<4.2	<4.2	**14.9**	<157	**193**	<157	<7.9	<7.9	<7.9	<7.9	<7.9	<15.7	<7.9	<7.9	<7.9	<7.9	**21.7**	**46.6**	<7.9	<7.9	<31.4	<78.6	<7.9	**78.2**	<7.9	<7.9	<7.9	<7.9	**534**	**54.6**	<7.9	**263**	**169**	**94.5**
92550329	T6 0-2_20210717	N/A	07/17/2021	<4.9	<4.9	<4.9	<4.9	<169	<8.5	<169	<8.5	<8.5	<8.5	<8.5	<8.5	<16.9	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<33.8	<84.6	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	**6.3J**	<8.5	<8.5	<16.9	<16.9	<8.5
92550329	T6 22-24_20210717	N/A	07/17/2021	<3.8	<3.8	<3.8	<3.8	<155	<7.7	<155	<7.7	<7.7	<7.7	<7.7	<7.7	<15.5	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<31	<77.5	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	**5.8J**	<7.7	<7.7	<15.5	<15.5	<7.7
92550329	T8 0-2_20210717	N/A	07/17/2021	<3.1	<3.1	<3.1	<3.1	<120	<6	<120	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<6	<6	<24.1	<60.2	<6	<6	<6	<6	<6	<6	<6	**3.2J**	<6	<6	<12	<12	<6
92550329	T8 4-6_20210717	N/A	07/17/2021	**4.0**	<3.6	<3.6	**4.2**	<145	<7.3	<145	<7.3	<7.3	<7.3	<7.3	<7.3	<14.5	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<29.1	<72.6	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	**4.0J**	<7.3	<7.3	<14.5	<14.5	<7.3
92550329	T8 32-34_20210717 *	N/A	07/17/2021	**135**	**36.9**	**16.4**	**188**	<325	**2,230**	<325	**279**	<16.2	<16.2	<16.2	<16.2	<32.5	<16.2	<16.2	<16.2	<16.2	<16.2	**222**	**2,360**	**219**	**233**	<64.9	<162	**70.4**	**926**	**794**	**114**	<16.2	<16.2	<16.2	**10,200**	**4,980**	**1,420**	**13,100**	**9,490**	**3,630**
Quality Control Data																																						
92492881	TB-1	Trip Blank	08/27/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1
92493060	TB-1	Trip Blank	08/28/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1
92493075	TB-1	Trip Blank	08/28/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1
92493224	TB-1	Trip Blank	08/31/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1
92493403	TB-1	Trip Blank	08/31/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1
92493643	TB-1	Trip Blank	08/31/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1
92493861	TB-1	Trip Blank	09/02/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1
92494208	TB-1	Trip Blank	09/04/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1
92494924	TB-20200909-1	Trip Blank	09/09/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1
92494609	TB-20200909-1	Trip Blank	09/09/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1
92494925	TB-20200909-2	Trip Blank	09/09/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1
92494609	TB-20200909-2	Trip Blank	09/09/2020	NA	NA	NA	NA	<25	<1	<5	NA	NA	NA	<1	<5	<1	<1	<1	<1	<1	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	<2	<1

Notes:
NA - Not Analyzed
NE - Not Established
All VPH analysis units reported in milligrams per kilogram (mg/kg); all VOC analysis units reported in micrograms per kilogram (ug/kg)
Only detected constituents are shown
MSCC - Maximum Soil Contaminant Concentrations
"<" - Indicates compound was not detected above laboratory reporting limit
"*" - Indicates sample was collected below water table and not used for delineation purposes
Volatile Organic Compounds analyzed by EPA Method 8260D
MADEP - Massachusetts Department of Environmental Protection; as required by North Carolina Department of Environmental Quality
VPH - Volatile Petroleum Hydrocarbon
Bold values indicate compound was detected above laboratory reporting limit
Shaded values indicate compound exceeded an MSCC
4-Chlorotoluene is a cosolvent in pesticides (https://pubchem.ncbi.nlm.nih.gov/compound/4-Chlorotoluene) and is not attributed to the release
Methylene Chloride is likely a laboratory artifact

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
Surficial Unit Monitoring Wells						
MW-01	709.60	9/1/2020	ND	25.05	0.00	684.55
MW-01	709.60	9/3/2020	ND	25.82	0.00	683.78
MW-01	709.60	9/5/2020	ND	25.94	0.00	683.66
MW-01	711.86	9/14/2020	ND	28.20	0.00	683.66
MW-01	711.86	9/18/2020	ND	28.20	0.00	683.66
MW-01	711.86	9/28/2020	ND	28.10	0.00	683.76
MW-01	711.86	10/3/2020	ND	28.09	0.00	683.77
MW-01	711.86	10/19/2020	ND	27.88	0.00	683.98
MW-01	711.86	10/26/2020	ND	27.74	0.00	684.12
MW-01	711.86	11/9/2020	ND	28.74	0.00	683.12
MW-01	711.86	11/18/2020	ND	27.49	0.00	684.37
MW-01	711.86	11/23/2020	ND	27.44	0.00	684.42
MW-01	711.86	12/7/2020	ND	27.12	0.00	684.74
MW-01	711.86	12/21/2020	ND	26.95	0.00	684.91
MW-01	711.86	12/26/2020	ND	26.94	0.00	684.92
MW-01	711.86	1/10/2021	ND	26.64	0.00	685.22
MW-01	711.86	1/19/2021	ND	26.55	0.00	685.31
MW-01	711.86	1/25/2021	ND	26.34	0.00	685.52
MW-01	711.86	2/1/2021	ND	26.23	0.00	685.63
MW-01	711.86	2/8/2021	ND	26.31	0.00	685.55
MW-01	711.86	2/16/2021	ND	25.99	0.00	685.87
MW-01	711.86	2/22/2021	ND	25.76	0.00	686.10
MW-01	711.86	3/4/2021	ND	25.52	0.00	686.34
MW-01	711.86	3/8/2021	ND	25.64	0.00	686.22
MW-01	711.86	3/15/2021	ND	25.49	0.00	686.37
MW-01	711.86	3/22/2021	ND	25.29	0.00	686.57
MW-01	711.86	4/1/2021	ND	25.00	0.00	686.86
MW-01	711.86	4/12/2021	ND	24.65	0.00	687.21
MW-01	711.86	4/19/2021	ND	24.67	0.00	687.19
MW-01	711.86	4/29/2021	ND	24.65	0.00	687.21
MW-01	711.86	5/3/2021	ND	24.63	0.00	687.23
MW-01	711.86	5/10/2021	ND	24.80	0.00	687.06
MW-01	711.86	5/18/2021	ND	25.02	0.00	686.84
MW-01	711.86	5/26/2021	ND	25.18	0.00	686.68
MW-01	711.86	5/31/2021	ND	25.44	0.00	686.42
MW-01	711.86	6/7/2021	ND	25.59	0.00	686.27
MW-01	711.86	6/14/2021	ND	25.70	0.00	686.16
MW-01	711.86	6/21/2021	ND	25.91	0.00	685.95
MW-01	711.86	7/1/2021	ND	26.15	0.00	685.71
MW-01	711.86	7/6/2021	ND	26.35	0.00	685.51

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-01	711.86	7/14/2021	ND	26.52	0.00	685.34
MW-01	711.86	7/28/2021	ND	28.82	0.00	683.04
MW-01	711.86	8/2/2021	ND	27.02	0.00	684.84
MW-01	711.86	8/16/2021	ND	27.46	0.00	684.40
MW-01	711.86	8/26/2021	ND	27.76	0.00	684.10
MW-01	711.86	8/30/2021	ND	27.95	0.00	683.91
MW-01	711.86	9/14/2021	ND	28.35	0.00	683.51
MW-01	711.86	9/23/2021	ND	28.74	0.00	683.12
MW-01	711.86	10/6/2021	ND	29.10	0.00	682.76
MW-01	711.86	10/12/2021	ND	29.32	0.00	682.54
MW-01	711.86	10/18/2021	ND	29.56	0.00	682.30
MW-01	711.86	10/27/2021	ND	29.84	0.00	682.02
MW-01	711.86	11/1/2021	ND	30.02	0.00	681.84
MW-01	711.86	11/15/2021	ND	30.45	0.00	681.41
MW-02	710.96	9/1/2020	ND	26.65	0.00	684.31
MW-02	710.96	9/3/2020	ND	27.59	0.00	683.37
MW-02	710.96	9/5/2020	ND	28.00	0.00	682.96
MW-02	712.53	9/14/2020	ND	29.57	0.00	682.96
MW-02	712.53	9/18/2020	ND	29.56	0.00	682.97
MW-02	712.53	9/28/2020	ND	29.51	0.00	683.02
MW-02	712.53	10/3/2020	ND	30.60	0.00	681.93
MW-02	712.53	10/19/2020	ND	29.41	0.00	683.12
MW-02	712.53	10/26/2020	ND	29.30	0.00	683.23
MW-02	712.53	11/9/2020	ND	29.07	0.00	683.46
MW-02	712.53	11/18/2020	ND	29.05	0.00	683.48
MW-02	712.53	11/23/2020	ND	28.98	0.00	683.55
MW-02	712.53	12/7/2020	ND	28.59	0.00	683.94
MW-02	712.53	12/21/2020	ND	28.44	0.00	684.09
MW-02	712.53	12/26/2020	ND	28.74	0.00	683.79
MW-02	712.53	1/10/2021	ND	28.54	0.00	683.99
MW-02	712.53	1/19/2021	ND	28.39	0.00	684.14
MW-02	712.53	1/25/2021	ND	28.09	0.00	684.44
MW-02	712.53	2/1/2021	ND	27.74	0.00	684.79
MW-02	712.53	2/8/2021	ND	28.28	0.00	684.25
MW-02	712.53	2/16/2021	ND	27.65	0.00	684.88
MW-02	712.53	2/22/2021	ND	27.53	0.00	685.00
MW-02	712.53	3/4/2021	ND	27.52	0.00	685.01
MW-02	712.53	3/8/2021	ND	27.76	0.00	684.77
MW-02	712.53	3/15/2021	ND	27.58	0.00	684.95
MW-02	712.53	3/22/2021	ND	27.39	0.00	685.14
MW-02	712.53	4/1/2021	ND	27.16	0.00	685.37

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-02	712.53	4/12/2021	ND	26.83	0.00	685.70
MW-02	712.53	4/19/2021	ND	27.76	0.00	684.77
MW-02	712.53	4/29/2021	ND	26.64	0.00	685.89
MW-02	712.53	5/3/2021	ND	26.63	0.00	685.90
MW-02	712.53	5/10/2021	ND	26.69	0.00	685.84
MW-02	712.53	5/18/2021	ND	26.81	0.00	685.72
MW-02	712.53	5/26/2021	ND	26.80	0.00	685.73
MW-02	712.53	5/31/2021	ND	27.03	0.00	685.50
MW-02	712.53	6/7/2021	ND	26.99	0.00	685.54
MW-02	712.53	6/14/2021	ND	27.08	0.00	685.45
MW-02	712.53	6/21/2021	ND	27.19	0.00	685.34
MW-02	712.53	7/1/2021	ND	27.31	0.00	685.22
MW-02	712.53	7/6/2021	ND	27.51	0.00	685.02
MW-02	712.53	7/14/2021	ND	27.59	0.00	684.94
MW-02	712.53	7/28/2021	ND	27.77	0.00	684.76
MW-02	712.53	8/2/2021	ND	27.92	0.00	684.61
MW-02	712.53	8/16/2021	ND	28.19	0.00	684.34
MW-02	712.53	8/26/2021	ND	28.42	0.00	684.11
MW-02	712.53	8/30/2021	ND	28.43	0.00	684.10
MW-02	712.53	9/14/2021	ND	28.75	0.00	683.78
MW-02	712.53	9/23/2021	ND	29.03	0.00	683.50
MW-02	712.53	10/6/2021	ND	29.28	0.00	683.25
MW-02	712.53	10/12/2021	ND	29.43	0.00	683.10
MW-02	712.53	10/18/2021	ND	29.65	0.00	682.88
MW-02	712.53	10/27/2021	ND	29.86	0.00	682.67
MW-02	712.53	11/1/2021	ND	30.05	0.00	682.48
MW-02	712.53	11/15/2021	ND	30.40	0.00	682.13
MW-03	703.64	9/1/2020	ND	19.93	0.00	683.71
MW-03	703.64	9/3/2020	ND	22.74	0.00	680.90
MW-03	703.64	9/5/2020	ND	22.84	0.00	680.80
MW-03	703.64	9/14/2020	ND	22.78	0.00	680.86
MW-03	703.64	9/18/2020	ND	22.80	0.00	680.84
MW-03	703.64	9/28/2020	ND	22.54	0.00	681.10
MW-03	703.64	10/3/2020	ND	22.57	0.00	681.07
MW-03	703.64	10/19/2020	ND	21.88	0.00	681.76
MW-03	703.64	10/26/2020	ND	21.70	0.00	681.94
MW-03	703.64	11/9/2020	ND	21.44	0.00	682.20
MW-03	703.64	11/18/2020	ND	20.87	0.00	682.77
MW-03	703.64	11/23/2020	ND	20.76	0.00	682.88
MW-03	703.64	12/7/2020	ND	20.39	0.00	683.25
MW-03	703.64	12/21/2020	ND	19.90	0.00	683.74

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-03	703.64	12/26/2020	ND	19.71	0.00	683.93
MW-03	703.64	1/10/2021	ND	19.54	0.00	684.10
MW-03	703.64	1/19/2021	ND	19.47	0.00	684.17
MW-03	703.64	1/25/2021	ND	19.43	0.00	684.21
MW-03	703.64	2/1/2021	ND	18.56	0.00	685.08
MW-03	703.64	2/8/2021	ND	18.69	0.00	684.95
MW-03	703.64	2/16/2021	ND	17.45	0.00	686.19
MW-03	703.64	2/22/2021	ND	16.89	0.00	686.75
MW-03	703.64	3/4/2021	ND	17.16	0.00	686.48
MW-03	703.64	3/8/2021	ND	17.67	0.00	685.97
MW-03	703.64	3/15/2021	ND	17.90	0.00	685.74
MW-03	703.64	3/22/2021	ND	16.79	0.00	686.85
MW-03	703.64	4/1/2021	ND	15.92	0.00	687.72
MW-03	703.64	4/12/2021	ND	16.90	0.00	686.74
MW-03	703.64	4/19/2021	ND	17.42	0.00	686.22
MW-03	703.64	4/29/2021	ND	18.12	0.00	685.52
MW-03	703.64	5/3/2021	ND	18.29	0.00	685.35
MW-03	703.64	5/10/2021	ND	18.80	0.00	684.84
MW-03	703.64	5/18/2021	ND	19.20	0.00	684.44
MW-03	703.64	5/26/2021	ND	19.40	0.00	684.24
MW-03	703.64	5/31/2021	ND	19.82	0.00	683.82
MW-03	703.64	6/7/2021	ND	20.08	0.00	683.56
MW-03	703.64	6/14/2021	ND	20.27	0.00	683.37
MW-03	703.64	6/21/2021	ND	20.58	0.00	683.06
MW-03	703.64	7/1/2021	ND	20.83	0.00	682.81
MW-03	703.64	7/6/2021	ND	21.10	0.00	682.54
MW-03	703.64	7/14/2021	ND	21.27	0.00	682.37
MW-03	703.64	7/28/2021	ND	21.79	0.00	681.85
MW-03	703.64	8/2/2021	ND	22.21	0.00	681.43
MW-03	703.64	8/16/2021	ND	22.80	0.00	680.84
MW-03	703.64	8/26/2021	ND	23.15	0.00	680.49
MW-03	703.64	8/30/2021	ND	23.58	0.00	680.06
MW-03	703.64	9/14/2021	ND	24.37	0.00	679.27
MW-03	703.64	9/23/2021	ND	24.64	0.00	679.00
MW-03	703.64	10/6/2021	ND	25.45	0.00	678.19
MW-03	703.64	10/12/2021	ND	25.81	0.00	677.83
MW-03	703.64	10/18/2021	ND	26.12	0.00	677.52
MW-03	703.64	10/27/2021	ND	26.26	0.00	677.38
MW-03	703.64	11/1/2021	ND	26.51	0.00	677.13
MW-03	703.64	11/15/2021	ND	27.84	0.00	675.80
MW-04	712.05	9/1/2020	ND	28.30	0.00	683.75

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-04	712.05	9/3/2020	ND	28.19	0.00	683.86
MW-04	712.05	9/5/2020	ND	28.32	0.00	683.73
MW-04	715.04	9/14/2020	ND	31.32	0.00	683.72
MW-04	715.04	9/18/2020	ND	31.31	0.00	683.73
MW-04	715.04	9/28/2020	ND	31.23	0.00	683.81
MW-04	715.04	10/3/2020	ND	31.26	0.00	683.78
MW-04	715.04	10/19/2020	ND	30.93	0.00	684.11
MW-04	715.04	10/26/2020	ND	30.78	0.00	684.26
MW-04	715.04	11/9/2020	ND	30.50	0.00	684.54
MW-04	715.04	11/18/2020	ND	30.44	0.00	684.60
MW-04	715.04	11/23/2020	ND	30.32	0.00	684.72
MW-04	715.04	12/7/2020	ND	29.97	0.00	685.07
MW-04	715.04	12/21/2020	ND	29.78	0.00	685.26
MW-04	715.04	12/26/2020	ND	30.04	0.00	685.00
MW-04	715.04	1/10/2021	ND	29.86	0.00	685.18
MW-04	715.04	1/19/2021	ND	29.76	0.00	685.28
MW-04	715.04	1/25/2021	ND	23.46	0.00	691.58
MW-04	715.04	2/1/2021	ND	29.16	0.00	685.88
MW-04	715.04	2/8/2021	ND	29.61	0.00	685.43
MW-04	715.04	2/16/2021	ND	29.05	0.00	685.99
MW-04	715.04	2/22/2021	ND	28.90	0.00	686.14
MW-04	715.04	3/4/2021	ND	28.87	0.00	686.17
MW-04	715.04	3/8/2021	ND	29.13	0.00	685.91
MW-04	715.04	3/15/2021	ND	28.98	0.00	686.06
MW-04	715.04	3/22/2021	ND	28.76	0.00	686.28
MW-04	715.04	4/1/2021	ND	28.54	0.00	686.50
MW-04	715.04	4/12/2021	ND	28.19	0.00	686.85
MW-04	715.04	4/19/2021	ND	28.23	0.00	686.81
MW-04	715.04	4/29/2021	ND	28.26	0.00	686.78
MW-04	715.04	5/3/2021	ND	28.27	0.00	686.77
MW-04	715.04	5/10/2021	ND	28.39	0.00	686.65
MW-04	715.04	5/18/2021	ND	28.54	0.00	686.50
MW-04	715.04	5/26/2021	ND	28.56	0.00	686.48
MW-04	715.04	5/31/2021	ND	28.78	0.00	686.26
MW-04	715.04	6/7/2021	ND	28.77	0.00	686.27
MW-04	715.04	6/14/2021	ND	28.86	0.00	686.18
MW-04	715.04	6/21/2021	ND	29.01	0.00	686.03
MW-04	715.04	7/1/2021	ND	29.13	0.00	685.91
MW-04	715.04	7/6/2021	ND	29.32	0.00	685.72
MW-04	715.04	7/14/2021	ND	29.41	0.00	685.63
MW-04	715.04	7/28/2021	ND	29.61	0.00	685.43

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-04	715.04	8/2/2021	ND	29.76	0.00	685.28
MW-04	715.04	8/16/2021	ND	30.05	0.00	684.99
MW-04	715.04	8/26/2021	ND	30.29	0.00	684.75
MW-04	715.04	8/30/2021	ND	30.28	0.00	684.76
MW-04	715.04	9/14/2021	ND	30.64	0.00	684.40
MW-04	715.04	9/23/2021	ND	30.90	0.00	684.14
MW-04	715.04	10/6/2021	ND	31.20	0.00	683.84
MW-04	715.04	10/12/2021	ND	31.35	0.00	683.69
MW-04	715.04	10/18/2021	ND	31.57	0.00	683.47
MW-04	715.04	10/27/2021	ND	31.81	0.00	683.23
MW-04	715.04	11/1/2021	ND	32.01	0.00	683.03
MW-04	715.04	11/15/2021	ND	32.36	0.00	682.68
MW-05	705.61	9/1/2020	ND	24.19	0.00	681.42
MW-05	705.61	9/3/2020	ND	25.22	0.00	680.39
MW-05	705.61	9/5/2020	ND	26.38	0.00	679.23
MW-05	705.61	9/6/2020	ND	27.38	0.00	678.23
MW-05	707.30	9/14/2020	ND	27.04	0.00	680.26
MW-05	707.30	9/18/2020	ND	27.03	0.00	680.27
MW-05	707.30	9/28/2020	ND	26.87	0.00	680.43
MW-05	707.30	10/3/2020	ND	26.88	0.00	680.42
MW-05	707.30	10/19/2020	ND	26.49	0.00	680.81
MW-05	707.30	10/26/2020	ND	26.34	0.00	680.96
MW-05	707.30	10/28/2020	ND	28.34	0.00	678.96
MW-05	707.30	11/9/2020	ND	26.06	0.00	681.24
MW-05	707.30	11/18/2020	ND	25.93	0.00	681.37
MW-05	707.30	11/23/2020	ND	25.80	0.00	681.50
MW-05	707.30	12/7/2020	ND	25.39	0.00	681.91
MW-05	707.30	12/21/2020	ND	25.14	0.00	682.16
MW-05	707.30	12/26/2020	ND	25.17	0.00	682.13
MW-05	707.30	1/10/2021	ND	24.89	0.00	682.41
MW-05	707.30	1/19/2021	ND	24.72	0.00	682.58
MW-05	707.30	1/25/2021	ND	24.43	0.00	682.87
MW-05	707.30	2/1/2021	ND	24.25	0.00	683.05
MW-05	707.30	2/8/2021	ND	24.49	0.00	682.81
MW-05	707.30	2/16/2021	ND	23.96	0.00	683.34
MW-05	707.30	2/22/2021	ND	23.66	0.00	683.64
MW-05	707.30	3/4/2021	ND	23.41	0.00	683.89
MW-05	707.30	3/8/2021	ND	23.64	0.00	683.66
MW-05	707.30	3/15/2021	ND	23.46	0.00	683.84
MW-05	707.30	3/22/2021	ND	23.19	0.00	684.11
MW-05	707.30	4/1/2021	ND	22.79	0.00	684.51

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-05	707.30	4/12/2021	ND	22.41	0.00	684.89
MW-05	707.30	4/19/2021	ND	22.45	0.00	684.85
MW-05	707.30	4/29/2021	ND	22.53	0.00	684.77
MW-05	707.30	5/3/2021	ND	22.55	0.00	684.75
MW-05	707.30	5/10/2021	ND	22.83	0.00	684.47
MW-05	707.30	5/18/2021	ND	23.13	0.00	684.17
MW-05	707.30	5/26/2021	ND	23.32	0.00	683.98
MW-05	707.30	5/31/2021	ND	23.68	0.00	683.62
MW-05	707.30	6/7/2021	ND	23.83	0.00	683.47
MW-05	707.30	6/14/2021	ND	23.98	0.00	683.32
MW-05	707.30	6/21/2021	ND	24.20	0.00	683.10
MW-05	707.30	7/1/2021	ND	24.45	0.00	682.85
MW-05	707.30	7/6/2021	ND	24.71	0.00	682.59
MW-05	707.30	7/14/2021	ND	24.87	0.00	682.43
MW-05	707.30	7/28/2021	ND	25.16	0.00	682.14
MW-05	707.30	8/2/2021	ND	25.36	0.00	681.94
MW-05	707.30	8/16/2021	ND	25.79	0.00	681.51
MW-05	707.30	8/26/2021	ND	26.11	0.00	681.19
MW-05	707.30	8/30/2021	ND	26.15	0.00	681.15
MW-05	707.30	9/14/2021	ND	26.65	0.00	680.65
MW-05	707.30	9/23/2021	ND	27.07	0.00	680.23
MW-05	707.30	10/6/2021	ND	27.45	0.00	679.85
MW-05	707.30	10/12/2021	ND	27.67	0.00	679.63
MW-05	707.30	10/18/2021	ND	27.93	0.00	679.37
MW-05	707.30	10/27/2021	ND	28.23	0.00	679.07
MW-05	707.30	11/1/2021	ND	28.45	0.00	678.85
MW-05	707.30	11/15/2021	ND	28.85	0.00	678.45
MW-06	703.81	9/1/2020	ND	20.70	0.00	683.11
MW-06	703.81	9/3/2020	ND	20.92	0.00	682.89
MW-06	706.34	9/14/2020	ND	23.56	0.00	682.78
MW-06	706.34	9/18/2020	ND	23.65	0.00	682.69
MW-06	706.34	9/28/2020	ND	23.47	0.00	682.87
MW-06	706.34	10/3/2020	ND	23.51	0.00	682.83
MW-06	706.34	10/19/2020	ND	23.23	0.00	683.11
MW-06	706.34	10/26/2020	ND	23.12	0.00	683.22
MW-06	706.34	11/9/2020	ND	22.91	0.00	683.43
MW-06	706.34	11/18/2020	Dry	Dry	Dry	Dry
MW-06	706.34	11/23/2020	ND	22.79	0.00	683.55
MW-06	706.34	12/7/2020	ND	22.36	0.00	683.98
MW-06	706.34	12/21/2020	ND	22.18	0.00	684.16
MW-06	706.34	12/26/2020	ND	22.34	0.00	684.00

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-06	706.34	1/10/2021	ND	22.15	0.00	684.19
MW-06	706.34	1/19/2021	ND	21.98	0.00	684.36
MW-06	706.34	1/25/2021	ND	21.68	0.00	684.66
MW-06	706.34	2/1/2021	ND	21.36	0.00	684.98
MW-06	706.34	2/8/2021	ND	21.83	0.00	684.51
MW-06	706.34	2/16/2021	ND	21.24	0.00	685.10
MW-06	706.34	2/22/2021	ND	20.99	0.00	685.35
MW-06	706.34	3/4/2021	ND	20.91	0.00	685.43
MW-06	706.34	3/8/2021	ND	21.11	0.00	685.23
MW-06	706.34	3/15/2021	ND	20.93	0.00	685.41
MW-06	706.34	3/22/2021	ND	20.67	0.00	685.67
MW-06	706.34	4/1/2021	ND	20.42	0.00	685.92
MW-06	706.34	4/12/2021	ND	20.07	0.00	686.27
MW-06	706.34	4/19/2021	ND	20.03	0.00	686.31
MW-06	706.34	4/29/2021	ND	19.95	0.00	686.39
MW-06	706.34	5/3/2021	ND	19.91	0.00	686.43
MW-06	706.34	5/10/2021	ND	20.06	0.00	686.28
MW-06	706.34	5/18/2021	ND	20.29	0.00	686.05
MW-06	706.34	5/26/2021	ND	20.39	0.00	685.95
MW-06	706.34	5/31/2021	ND	20.67	0.00	685.67
MW-06	706.34	6/7/2021	ND	20.77	0.00	685.57
MW-06	706.34	6/14/2021	ND	20.90	0.00	685.44
MW-06	706.34	6/21/2021	ND	21.08	0.00	685.26
MW-06	706.34	7/1/2021	ND	21.29	0.00	685.05
MW-06	706.34	7/6/2021	ND	21.52	0.00	684.82
MW-06	706.34	7/14/2021	ND	21.66	0.00	684.68
MW-06	706.34	7/28/2021	ND	21.93	0.00	684.41
MW-06	706.34	8/2/2021	ND	22.13	0.00	684.21
MW-06	706.34	8/16/2021	ND	22.51	0.00	683.83
MW-06	706.34	8/26/2021	ND	22.80	0.00	683.54
MW-06	706.34	8/30/2021	ND	22.84	0.00	683.50
MW-06	706.34	9/14/2021	ND	23.31	0.00	683.03
MW-06	706.34	9/23/2021	ND	23.66	0.00	682.68
MW-06	706.34	10/6/2021	ND	24.03	0.00	682.31
MW-06	706.34	10/12/2021	ND	24.23	0.00	682.11
MW-06	706.34	10/18/2021	ND	24.47	0.00	681.87
MW-06	706.34	10/27/2021	ND	24.74	0.00	681.60
MW-06	706.34	11/1/2021	ND	24.93	0.00	681.41
MW-06	706.34	11/15/2021	DRY	DRY	DRY	DRY
MW-07	709.46	9/1/2020	ND	26.67	0.00	682.79
MW-07	709.46	9/3/2020	ND	26.53	0.00	682.93

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-07	709.46	9/5/2020	ND	25.60	0.00	683.86
MW-07	712.36	9/14/2020	ND	29.36	0.00	683.00
MW-07	712.36	9/18/2020	ND	29.31	0.00	683.05
MW-07	712.36	9/28/2020	ND	29.24	0.00	683.12
MW-07	712.36	10/3/2020	ND	29.32	0.00	683.04
MW-07	712.36	10/5/2020	ND	31.32	0.00	681.04
MW-07	712.36	10/19/2020	ND	29.28	0.00	683.08
MW-07	712.36	10/26/2020	ND	29.26	0.00	683.10
MW-07	712.36	11/9/2020	ND	29.19	0.00	683.17
MW-07	712.36	11/18/2020	ND	29.20	0.00	683.16
MW-07	712.36	11/23/2020	ND	29.16	0.00	683.20
MW-07	712.36	12/7/2020	ND	29.98	0.00	682.38
MW-07	712.36	12/21/2020	ND	29.04	0.00	683.32
MW-07	712.36	12/26/2020	ND	29.02	0.00	683.34
MW-07	712.36	1/10/2021	ND	29.07	0.00	683.29
MW-07	712.36	1/19/2021	ND	29.62	0.00	682.74
MW-07	712.36	1/25/2021	ND	29.91	0.00	682.45
MW-07	712.36	2/1/2021	ND	30.05	0.00	682.31
MW-07	712.36	2/8/2021	ND	30.19	0.00	682.17
MW-07	712.36	2/16/2021	ND	29.86	0.00	682.50
MW-07	712.36	2/22/2021	ND	29.46	0.00	682.90
MW-07	712.36	3/4/2021	ND	29.23	0.00	683.13
MW-07	712.36	3/8/2021	ND	29.37	0.00	682.99
MW-07	712.36	3/15/2021	ND	29.39	0.00	682.97
MW-07	712.36	3/22/2021	ND	29.43	0.00	682.93
MW-07	712.36	4/1/2021	ND	29.16	0.00	683.20
MW-07	712.36	4/12/2021	ND	29.29	0.00	683.07
MW-07	712.36	4/19/2021	ND	29.58	0.00	682.78
MW-07	712.36	4/29/2021	ND	29.75	0.00	682.61
MW-07	712.36	5/3/2021	ND	29.71	0.00	682.65
MW-07	712.36	5/10/2021	ND	29.94	0.00	682.42
MW-07	712.36	5/18/2021	ND	29.89	0.00	682.47
MW-07	712.36	5/26/2021	ND	30.06	0.00	682.30
MW-07	712.36	5/31/2021	ND	30.23	0.00	682.13
MW-07	712.36	6/7/2021	ND	30.47	0.00	681.89
MW-07	712.36	6/14/2021	ND	30.57	0.00	681.79
MW-07	712.36	6/21/2021	ND	30.72	0.00	681.64
MW-07	712.36	7/1/2021	ND	30.92	0.00	681.44
MW-07	712.36	7/6/2021	ND	31.05	0.00	681.31
MW-07	712.36	7/14/2021	ND	31.09	0.00	681.27
MW-07	712.36	7/28/2021	ND	31.63	0.00	680.73

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-07	712.36	8/2/2021	ND	31.90	0.00	680.46
MW-07	712.36	8/16/2021	ND	32.49	0.00	679.87
MW-07	712.36	8/26/2021	ND	33.08	0.00	679.28
MW-07	712.36	8/30/2021	ND	33.41	0.00	678.95
MW-07	712.36	9/14/2021	ND	34.14	0.00	678.22
MW-07	712.36	9/23/2021	ND	34.56	0.00	677.80
MW-07	712.36	10/6/2021	ND	35.46	0.00	676.90
MW-07	712.36	10/12/2021	ND	35.82	0.00	676.54
MW-07	712.36	10/18/2021	ND	36.10	0.00	676.26
MW-07	712.36	10/27/2021	ND	36.22	0.00	676.14
MW-07	712.36	11/1/2021	ND	36.41	0.00	675.95
MW-07	712.36	11/15/2021	37.43	37.76	0.33	674.84
MW-08	724.93	9/1/2020	ND	31.50	0.00	693.43
MW-08	724.93	9/3/2020	ND	31.64	0.00	693.29
MW-08	724.93	9/14/2020	ND	31.77	0.00	693.16
MW-08	724.93	9/18/2020	ND	21.78	0.00	703.15
MW-08	724.93	9/28/2020	ND	31.83	0.00	693.10
MW-08	724.93	10/3/2020	ND	31.95	0.00	692.98
MW-08	724.93	10/19/2020	ND	31.87	0.00	693.06
MW-08	724.93	10/26/2020	ND	31.79	0.00	693.14
MW-08	724.93	11/9/2020	ND	31.73	0.00	693.20
MW-08	724.93	11/18/2020	ND	31.69	0.00	693.24
MW-08	724.93	11/23/2020	ND	31.49	0.00	693.44
MW-08	724.93	12/7/2020	ND	37.31	0.00	687.62
MW-08	724.93	12/21/2020	ND	31.25	0.00	693.68
MW-08	724.93	12/26/2020	ND	31.28	0.00	693.65
MW-08	724.93	1/10/2021	ND	31.06	0.00	693.87
MW-08	724.93	1/19/2021	ND	30.97	0.00	693.96
MW-08	724.93	1/25/2021	ND	30.75	0.00	694.18
MW-08	724.93	2/1/2021	ND	30.76	0.00	694.17
MW-08	724.93	2/8/2021	ND	30.83	0.00	694.10
MW-08	724.93	2/16/2021	ND	30.64	0.00	694.29
MW-08	724.93	2/22/2021	ND	30.33	0.00	694.60
MW-08	724.93	3/4/2021	ND	30.08	0.00	694.85
MW-08	724.93	3/8/2021	ND	30.12	0.00	694.81
MW-08	724.93	3/15/2021	ND	30.03	0.00	694.90
MW-08	724.93	3/22/2021	ND	29.93	0.00	695.00
MW-08	724.93	4/1/2021	ND	29.62	0.00	695.31
MW-08	724.93	4/12/2021	ND	29.30	0.00	695.63
MW-08	724.93	4/19/2021	ND	29.25	0.00	695.68
MW-08	724.93	4/29/2021	ND	29.31	0.00	695.62

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-08	724.93	5/3/2021	ND	29.31	0.00	695.62
MW-08	724.93	5/10/2021	ND	29.46	0.00	695.47
MW-08	724.93	5/18/2021	ND	29.73	0.00	695.20
MW-08	724.93	5/26/2021	ND	29.87	0.00	695.06
MW-08	724.93	5/31/2021	ND	30.08	0.00	694.85
MW-08	724.93	6/7/2021	ND	30.17	0.00	694.76
MW-08	724.93	6/14/2021	ND	30.41	0.00	694.52
MW-08	724.93	6/21/2021	ND	30.58	0.00	694.35
MW-08	724.93	7/1/2021	ND	29.35	0.00	695.58
MW-08	724.93	7/6/2021	ND	30.99	0.00	693.94
MW-08	724.93	7/14/2021	ND	31.22	0.00	693.71
MW-08	724.93	7/28/2021	ND	31.39	0.00	693.54
MW-08	724.93	8/2/2021	ND	31.63	0.00	693.30
MW-08	724.93	8/16/2021	ND	31.89	0.00	693.04
MW-08	724.93	8/26/2021	ND	31.82	0.00	693.11
MW-08	724.93	8/30/2021	ND	32.16	0.00	692.77
MW-08	724.93	9/14/2021	ND	32.51	0.00	692.42
MW-08	724.93	9/23/2021	ND	32.77	0.00	692.16
MW-08	724.93	10/6/2021	ND	33.01	0.00	691.92
MW-08	724.93	10/12/2021	ND	33.19	0.00	691.74
MW-08	724.93	10/18/2021	ND	33.37	0.00	691.56
MW-08	724.93	10/27/2021	ND	33.56	0.00	691.37
MW-08	724.93	11/1/2021	ND	33.73	0.00	691.20
MW-08	724.93	11/15/2021	ND	34.05	0.00	690.88
MW-09	709.46	9/1/2020	ND	26.02	0.00	683.44
MW-09	709.46	9/3/2020	ND	26.64	0.00	682.82
MW-09	717.15	9/14/2020	ND	28.82	0.00	688.33
MW-09	717.15	9/18/2020	ND	28.84	0.00	688.31
MW-09	717.15	9/28/2020	ND	28.84	0.00	688.31
MW-09	717.15	10/3/2020	ND	28.93	0.00	688.22
MW-09	717.15	10/19/2020	ND	28.96	0.00	688.19
MW-09	717.15	10/26/2020	ND	28.93	0.00	688.22
MW-09	717.15	11/9/2020	ND	28.84	0.00	688.31
MW-09	717.15	11/18/2020	ND	28.87	0.00	688.28
MW-09	717.15	11/23/2020	ND	29.82	0.00	687.33
MW-09	717.15	12/7/2020	ND	28.62	0.00	688.53
MW-09	717.15	12/21/2020	ND	28.62	0.00	688.53
MW-09	717.15	12/26/2020	ND	28.62	0.00	688.53
MW-09	717.15	1/10/2021	ND	28.54	0.00	688.61
MW-09	717.15	1/19/2021	ND	28.55	0.00	688.60
MW-09	717.15	1/25/2021	ND	28.46	0.00	688.69

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-09	717.15	2/1/2021	ND	28.44	0.00	688.71
MW-09	717.15	2/8/2021	ND	28.64	0.00	688.51
MW-09	717.15	2/16/2021	ND	28.40	0.00	688.75
MW-09	717.15	2/22/2021	ND	28.28	0.00	688.87
MW-09	717.15	3/4/2021	ND	28.12	0.00	689.03
MW-09	717.15	3/8/2021	ND	28.20	0.00	688.95
MW-09	717.15	3/15/2021	ND	28.07	0.00	689.08
MW-09	717.15	3/22/2021	ND	27.97	0.00	689.18
MW-09	717.15	4/1/2021	ND	27.84	0.00	689.31
MW-09	717.15	4/12/2021	ND	27.56	0.00	689.59
MW-09	717.15	4/19/2021	ND	27.53	0.00	689.62
MW-09	717.15	4/29/2021	ND	27.49	0.00	689.66
MW-09	717.15	5/3/2021	ND	27.42	0.00	689.73
MW-09	717.15	5/10/2021	ND	27.56	0.00	689.59
MW-09	717.15	5/18/2021	ND	27.62	0.00	689.53
MW-09	717.15	5/26/2021	ND	27.69	0.00	689.46
MW-09	717.15	5/31/2021	ND	27.87	0.00	689.28
MW-09	717.15	6/7/2021	ND	27.98	0.00	689.17
MW-09	717.15	6/14/2021	ND	28.06	0.00	689.09
MW-09	717.15	6/21/2021	ND	28.23	0.00	688.92
MW-09	717.15	7/1/2021	ND	28.41	0.00	688.74
MW-09	717.15	7/6/2021	ND	28.62	0.00	688.53
MW-09	717.15	7/14/2021	ND	28.78	0.00	688.37
MW-09	717.15	7/28/2021	ND	29.23	0.00	687.92
MW-09	717.15	8/2/2021	ND	29.50	0.00	687.65
MW-09	717.15	8/16/2021	ND	29.91	0.00	687.24
MW-09	717.15	8/26/2021	ND	30.19	0.00	686.96
MW-09	717.15	8/30/2021	ND	30.30	0.00	686.85
MW-09	717.15	9/14/2021	ND	30.81	0.00	686.34
MW-09	717.15	9/23/2021	ND	31.10	0.00	686.05
MW-09	717.15	10/6/2021	ND	31.53	0.00	685.62
MW-09	717.15	10/12/2021	ND	31.76	0.00	685.39
MW-09	717.15	10/18/2021	ND	31.92	0.00	685.23
MW-09	717.15	10/27/2021	ND	32.10	0.00	685.05
MW-09	717.15	11/1/2021	ND	32.23	0.00	684.92
MW-09	717.15	11/15/2021	ND	32.62	0.00	684.53
MW-10	721.52	9/1/2020	Dry	Dry	Dry	Dry
MW-10	721.52	9/3/2020	Dry	Dry	Dry	Dry
MW-10	721.52	9/5/2020	Dry	Dry	Dry	Dry
MW-10	722.91	9/14/2020	Dry	Dry	Dry	Dry
MW-10	722.91	9/18/2020	Dry	Dry	Dry	Dry

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-10	722.91	9/28/2020	Dry	Dry	Dry	Dry
MW-10	722.91	10/3/2020	Dry	Dry	Dry	Dry
MW-10	722.91	10/4/2020	Dry	Dry	Dry	Dry
MW-10	722.91	10/5/2020	Dry	Dry	Dry	Dry
MW-10	722.91	10/26/2020	Dry	Dry	Dry	Dry
MW-10	722.91	11/9/2020	Dry	Dry	Dry	Dry
MW-10	722.91	11/18/2020	Dry	Dry	Dry	Dry
MW-10	722.91	11/23/2020	Dry	Dry	Dry	Dry
MW-10	722.91	12/7/2020	Dry	Dry	Dry	Dry
MW-10	722.91	12/21/2020	Dry	Dry	Dry	Dry
MW-10	722.91	12/26/2020	Dry	Dry	Dry	Dry
MW-10	722.91	1/10/2021	Dry	Dry	Dry	Dry
MW-10	722.91	1/19/2021	Dry	Dry	Dry	Dry
MW-10	722.91	1/25/2021	Dry	Dry	Dry	Dry
MW-10	722.91	2/1/2021	Dry	Dry	Dry	Dry
MW-10	722.91	2/8/2021	Dry	Dry	Dry	Dry
MW-10	722.91	2/16/2021	Dry	Dry	Dry	Dry
MW-10	722.91	2/22/2021	Dry	Dry	Dry	Dry
MW-10	722.91	3/4/2021	Dry	Dry	Dry	Dry
MW-10	722.91	3/8/2021	Dry	Dry	Dry	Dry
MW-10	722.91	3/15/2021	Dry	Dry	Dry	Dry
MW-10	722.91	3/22/2021	Dry	Dry	Dry	Dry
MW-10	722.91	4/1/2021	Dry	Dry	Dry	Dry
MW-10	722.91	4/12/2021	Dry	Dry	Dry	Dry
MW-10	722.91	4/19/2021	Dry	Dry	Dry	Dry
MW-10	722.91	4/29/2021	Dry	Dry	Dry	Dry
MW-10	722.91	5/3/2021	Dry	Dry	Dry	Dry
MW-10	722.91	5/10/2021	Dry	Dry	Dry	Dry
MW-10	722.91	5/18/2021	Dry	Dry	Dry	Dry
MW-10	722.91	5/26/2021	Dry	Dry	Dry	Dry
MW-10	722.91	5/31/2021	Dry	Dry	Dry	Dry
MW-10	722.91	6/7/2021	Dry	Dry	Dry	Dry
MW-10	722.91	6/14/2021	Dry	Dry	Dry	Dry
MW-10	722.91	6/21/2021	Dry	Dry	Dry	Dry
MW-10	722.91	7/1/2021	Dry	Dry	Dry	Dry
MW-10	722.91	7/6/2021	Dry	Dry	Dry	Dry
MW-10	722.91	7/14/2021	Dry	Dry	Dry	Dry
MW-10	722.91	7/28/2021	Dry	Dry	Dry	Dry
MW-10	722.91	8/2/2021	Dry	Dry	Dry	Dry
MW-10	722.91	8/16/2021	Dry	Dry	Dry	Dry
MW-10	722.91	8/26/2021	Dry	Dry	Dry	Dry

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-10	722.91	8/30/2021	Dry	Dry	Dry	Dry
MW-10	722.91	9/14/2021	Dry	Dry	Dry	Dry
MW-10	722.91	9/23/2021	Dry	Dry	Dry	Dry
MW-10	722.91	10/6/2021	Dry	Dry	Dry	Dry
MW-10	722.91	10/12/2021	Dry	Dry	Dry	Dry
MW-10	722.91	10/18/2021	Dry	Dry	Dry	Dry
MW-10	722.91	10/27/2021	Dry	Dry	Dry	Dry
MW-10	722.91	11/1/2021	Dry	Dry	Dry	Dry
MW-10	722.91	11/15/2021	Dry	Dry	Dry	Dry
MW-11	739.65	9/1/2020	ND	40.90	0.00	698.75
MW-11	739.65	9/3/2020	ND	43.20	0.00	696.45
MW-11	739.65	9/14/2020	ND	45.24	0.00	694.41
MW-11	739.65	9/18/2020	ND	42.00	0.00	697.65
MW-11	739.65	9/28/2020	ND	42.03	0.00	697.62
MW-11	739.65	10/3/2020	ND	42.14	0.00	697.51
MW-11	739.65	10/19/2020	ND	42.24	0.00	697.41
MW-11	739.65	10/26/2020	ND	42.30	0.00	697.35
MW-11	739.65	11/9/2020	42.40	42.41	0.01	697.24
MW-11	739.65	11/18/2020	42.53	42.55	0.02	697.11
MW-11	739.65	11/24/2020	NM	NM	NM	NM
MW-11	739.65	12/7/2020	42.31	42.65	0.34	697.25
MW-11	739.65	12/21/2020	42.06	43.90	1.84	697.09
MW-11	739.65	12/26/2020	41.96	44.51	2.55	697.00
MW-11	739.65	1/10/2021	41.60	41.85	0.25	697.98
MW-11	739.65	1/19/2021	41.40	47.00	5.60	696.75
MW-11	739.65	1/25/2021	41.45	47.72	6.27	696.52
MW-11	739.65	2/1/2021	41.56	47.60	6.04	696.47
MW-11	739.65	2/8/2021	41.66	48.09	6.43	696.27
MW-11	739.65	2/16/2021	41.48	47.57	6.09	696.54
MW-11	739.65	2/22/2021	41.52	47.43	5.91	696.55
MW-11	739.65	3/4/2021	41.51	47.26	5.75	696.60
MW-11	739.65	3/8/2021	41.87	47.66	5.79	696.23
MW-11	739.65	3/11/2021	41.95	47.65	5.70	696.17
MW-11	739.65	3/15/2021	42.09	47.84	5.75	696.02
MW-11	739.65	3/22/2021	42.18	47.68	5.50	696.00
MW-11	735.80	4/1/2021	ND	42.25	0.00	693.55
MW-11	735.80	4/12/2021	ARP	ARP	ARP	ARP
MW-11	735.80	4/19/2021	ARP	ARP	ARP	ARP
MW-11	735.80	4/29/2021	41.97	43.21	1.24	693.50
MW-11	735.80	5/3/2021	ARP	ARP	ARP	ARP
MW-11	735.80	5/10/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-11	735.80	5/18/2021	ARP	ARP	ARP	ARP
MW-11	735.80	5/26/2021	42.72	43.62	0.90	692.84
MW-11	735.80	5/31/2021	ARP	ARP	ARP	ARP
MW-11	735.80	6/7/2021	ARP	ARP	ARP	ARP
MW-11	735.80	6/14/2021	ARP	ARP	ARP	ARP
MW-11	735.80	6/21/2021	ARP	ARP	ARP	ARP
MW-11	735.80	7/1/2021	43.54	44.26	0.72	692.07
MW-11	735.80	7/6/2021	ARP	ARP	ARP	ARP
MW-11	735.80	7/14/2021	44.52	44.55	0.03	691.27
MW-11	735.80	7/28/2021	44.18	44.44	0.26	691.55
MW-11	735.80	8/16/2021	ARP	ARP	ARP	ARP
MW-11	735.80	8/26/2021	44.76	44.97	0.21	690.98
MW-11	735.80	8/30/2021	ARP	ARP	ARP	ARP
MW-11	735.80	9/16/2021	45.26	45.50	0.24	690.48
MW-11	735.80	9/23/2021	44.30	45.83	1.53	691.09
MW-11	735.80	10/6/2021	ARP	ARP	ARP	ARP
MW-11	735.80	10/12/2021	ARP	ARP	ARP	ARP
MW-11	735.80	10/18/2021	ARP	ARP	ARP	ARP
MW-11	735.80	10/27/2021	46.09	46.59	0.50	689.58
MW-11	735.80	11/1/2021	ARP	ARP	ARP	ARP
MW-12	718.27	9/1/2020	ND	30.95	0.00	687.32
MW-12	718.27	9/3/2020	ND	32.18	0.00	686.09
MW-12	718.27	9/5/2020	ND	32.27	0.00	686.00
MW-12	718.27	9/14/2020	ND	33.77	0.00	684.50
MW-12	718.27	9/18/2020	ND	33.78	0.00	684.49
MW-12	718.27	9/28/2020	ND	33.71	0.00	684.56
MW-12	718.27	10/3/2020	ND	33.78	0.00	684.49
MW-12	718.27	10/19/2020	ND	33.63	0.00	684.64
MW-12	718.27	10/26/2020	ND	33.58	0.00	684.69
MW-12	718.27	11/9/2020	ND	33.36	0.00	684.91
MW-12	718.27	11/18/2020	ND	33.36	0.00	684.91
MW-12	718.27	11/23/2020	ND	33.30	0.00	684.97
MW-12	718.27	12/7/2020	ND	32.98	0.00	685.29
MW-12	718.27	12/21/2020	ND	37.82	0.00	680.45
MW-12	718.27	12/26/2020	ND	33.11	0.00	685.16
MW-12	718.27	1/10/2021	ND	32.83	0.00	685.44
MW-12	718.27	1/19/2021	ND	32.82	0.00	685.45
MW-12	718.27	1/25/2021	ND	32.54	0.00	685.73
MW-12	718.27	2/1/2021	ND	32.30	0.00	685.97
MW-12	718.27	2/8/2021	ND	32.73	0.00	685.54
MW-12	718.27	2/16/2021	ND	32.21	0.00	686.06

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-12	718.27	2/22/2021	ND	32.05	0.00	686.22
MW-12	718.27	3/4/2021	ND	32.07	0.00	686.20
MW-12	718.27	3/8/2021	ND	32.32	0.00	685.95
MW-12	718.27	3/15/2021	ND	32.16	0.00	686.11
MW-12	718.27	3/22/2021	ND	31.98	0.00	686.29
MW-12	718.27	4/1/2021	ND	31.87	0.00	686.40
MW-12	718.27	4/12/2021	Dry	Dry	Dry	Dry
MW-12	718.27	4/19/2021	ND	31.61	0.00	686.66
MW-12	718.27	4/29/2021	ND	31.41	0.00	686.86
MW-12	718.27	5/3/2021	ND	31.38	0.00	686.89
MW-12	718.27	5/10/2021	ND	31.40	0.00	686.87
MW-12	718.27	5/18/2021	ND	31.47	0.00	686.80
MW-12	718.27	5/26/2021	ND	31.44	0.00	686.83
MW-12	718.27	5/31/2021	ND	31.60	0.00	686.67
MW-12	718.27	6/7/2021	ND	31.51	0.00	686.76
MW-12	718.27	6/14/2021	ND	31.56	0.00	686.71
MW-12	718.27	6/21/2021	ND	31.63	0.00	686.64
MW-12	718.27	7/1/2021	ND	31.73	0.00	686.54
MW-12	718.27	7/6/2021	ND	31.91	0.00	686.36
MW-12	718.27	7/14/2021	ND	31.95	0.00	686.32
MW-12	718.27	7/28/2021	ND	32.12	0.00	686.15
MW-12	718.27	8/2/2021	ND	32.25	0.00	686.02
MW-12	718.27	8/16/2021	ND	32.46	0.00	685.81
MW-12	718.27	8/26/2021	ND	32.68	0.00	685.59
MW-12	718.27	8/30/2021	ND	32.67	0.00	685.60
MW-12	718.27	9/14/2021	ND	32.92	0.00	685.35
MW-12	718.27	9/23/2021	ND	33.23	0.00	685.04
MW-12	718.27	10/6/2021	ND	33.47	0.00	684.80
MW-12	718.27	10/12/2021	ND	33.61	0.00	684.66
MW-12	718.27	10/18/2021	ND	33.82	0.00	684.45
MW-12	718.27	10/27/2021	ND	34.03	0.00	684.24
MW-12	718.27	11/1/2021	ND	34.21	0.00	684.06
MW-12	718.27	11/15/2021	ND	34.52	0.00	683.75
MW-13	736.29	9/14/2020	ND	41.77	0.00	694.52
MW-13	736.29	9/18/2020	ND	38.42	0.00	697.87
MW-13	736.29	9/28/2020	ND	38.40	0.00	697.89
MW-13	736.29	10/3/2020	ND	38.51	0.00	697.78
MW-13	736.29	10/19/2020	ND	38.55	0.00	697.74
MW-13	736.29	10/26/2020	ND	38.62	0.00	697.67
MW-13	736.29	11/9/2020	ND	38.72	0.00	697.57
MW-13	736.29	11/18/2020	ND	38.86	0.00	697.43

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-13	736.29	11/23/2020	ND	38.75	0.00	697.54
MW-13	736.29	12/7/2020	ND	38.72	0.00	697.57
MW-13	736.29	12/21/2020	ND	38.81	0.00	697.48
MW-13	736.29	12/26/2020	ND	38.92	0.00	697.37
MW-13	736.29	1/10/2021	ND	39.07	0.00	697.22
MW-13	736.29	1/19/2021	ND	39.11	0.00	697.18
MW-13	736.29	1/25/2021	ND	39.28	0.00	697.01
MW-13	736.29	2/1/2021	ND	39.30	0.00	696.99
MW-13	736.29	2/8/2021	ND	39.70	0.00	696.59
MW-13	736.29	2/16/2021	ND	39.58	0.00	696.71
MW-13	736.29	2/22/2021	ND	39.56	0.00	696.73
MW-13	732.88	3/4/2021	ND	39.52	0.00	693.36
MW-13	732.88	3/8/2021	ND	39.84	0.00	693.04
MW-13	732.88	3/15/2021	ND	40.19	0.00	692.69
MW-13	732.88	3/22/2021	ND	40.24	0.00	692.64
MW-13	732.88	4/1/2021	ND	39.75	0.00	693.13
MW-13	732.88	4/12/2021	ND	39.46	0.00	693.42
MW-13	732.88	4/19/2021	ND	39.62	0.00	693.26
MW-13	732.88	4/29/2021	ND	39.48	0.00	693.40
MW-13	732.88	5/3/2021	ND	39.44	0.00	693.44
MW-13	732.88	5/10/2021	ND	39.82	0.00	693.06
MW-13	732.88	5/18/2021	ND	40.60	0.00	692.28
MW-13	732.88	5/26/2021	ND	40.34	0.00	692.54
MW-13	732.88	5/31/2021	ND	41.17	0.00	691.71
MW-13	732.88	6/7/2021	ND	41.30	0.00	691.58
MW-13	732.88	6/14/2021	ND	39.46	0.00	693.42
MW-13	732.88	6/21/2021	ND	39.96	0.00	692.92
MW-13	732.88	7/1/2021	ND	41.28	0.00	691.60
MW-13	732.88	7/6/2021	ND	42.27	0.00	690.61
MW-13	732.88	7/14/2021	ND	41.86	0.00	691.02
MW-13	732.88	7/28/2021	ND	42.38	0.00	690.50
MW-13	732.88	8/2/2021	ND	42.75	0.00	690.13
MW-13	732.88	8/16/2021	ND	42.84	0.00	690.04
MW-13	732.88	8/26/2021	ND	42.52	0.00	690.36
MW-13	732.88	8/30/2021	ND	43.15	0.00	689.73
MW-13	732.88	9/14/2021	ND	43.42	0.00	689.46
MW-13	732.88	9/23/2021	ND	43.05	0.00	689.83
MW-13	732.88	10/6/2021	ND	43.85	0.00	689.03
MW-13	732.88	10/12/2021	ND	44.00	0.00	688.88
MW-13	732.88	10/18/2021	ND	44.14	0.00	688.74
MW-13	732.88	10/27/2021	ND	43.77	0.00	689.11

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-13	732.88	11/1/2021	ND	44.36	0.00	688.52
MW-13	732.88	11/15/2021	ND	44.58	0.00	688.30
MW-14	724.88	9/14/2020	ND	31.21	0.00	693.67
MW-14	724.88	9/18/2020	ND	31.24	0.00	693.64
MW-14	724.88	9/28/2020	ND	31.29	0.00	693.59
MW-14	724.88	10/3/2020	ND	31.28	0.00	693.60
MW-14	724.88	10/5/2020	ND	33.28	0.00	691.60
MW-14	724.88	10/19/2020	ND	31.25	0.00	693.63
MW-14	724.88	10/26/2020	ND	31.27	0.00	693.61
MW-14	724.88	11/9/2020	ND	31.18	0.00	693.70
MW-14	724.88	11/18/2020	ND	31.13	0.00	693.75
MW-14	724.88	11/23/2020	ND	31.01	0.00	693.87
MW-14	724.88	12/7/2020	ND	30.85	0.00	694.03
MW-14	724.88	12/21/2020	ND	30.82	0.00	694.06
MW-14	724.88	12/26/2020	ND	30.89	0.00	693.99
MW-14	724.88	1/10/2021	ND	30.73	0.00	694.15
MW-14	724.88	1/19/2021	ND	30.68	0.00	694.20
MW-14	724.88	1/25/2021	ND	30.49	0.00	694.39
MW-14	724.88	2/1/2021	ND	30.53	0.00	694.35
MW-14	724.88	2/8/2021	ND	30.67	0.00	694.21
MW-14	724.88	2/16/2021	ND	30.55	0.00	694.33
MW-14	724.88	2/22/2021	ND	30.34	0.00	694.54
MW-14	724.88	3/4/2021	ND	30.14	0.00	694.74
MW-14	724.88	3/8/2021	ND	30.18	0.00	694.70
MW-14	724.88	3/15/2021	ND	30.10	0.00	694.78
MW-14	724.88	3/22/2021	ND	30.06	0.00	694.82
MW-14	724.88	4/1/2021	ND	29.84	0.00	695.04
MW-14	724.88	4/12/2021	ND	29.54	0.00	695.34
MW-14	724.88	4/19/2021	ND	29.48	0.00	695.40
MW-14	724.88	4/29/2021	ND	29.50	0.00	695.38
MW-14	724.88	5/3/2021	ND	29.50	0.00	695.38
MW-14	724.88	5/10/2021	ND	29.66	0.00	695.22
MW-14	724.88	5/18/2021	ND	29.97	0.00	694.91
MW-14	724.88	5/26/2021	ND	30.14	0.00	694.74
MW-14	724.88	5/31/2021	ND	30.38	0.00	694.50
MW-14	724.88	6/7/2021	ND	30.49	0.00	694.39
MW-14	724.88	6/14/2021	ND	30.74	0.00	694.14
MW-14	724.88	6/21/2021	ND	30.88	0.00	694.00
MW-14	724.88	7/1/2021	ND	31.11	0.00	693.77
MW-14	724.88	7/6/2021	ND	31.33	0.00	693.55
MW-14	724.88	7/14/2021	ND	31.52	0.00	693.36

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-14	724.88	7/28/2021	ND	31.73	0.00	693.15
MW-14	724.88	8/2/2021	ND	31.97	0.00	692.91
MW-14	724.88	8/16/2021	ND	32.23	0.00	692.65
MW-14	724.88	8/26/2021	ND	32.36	0.00	692.52
MW-14	724.88	8/30/2021	ND	32.52	0.00	692.36
MW-14	724.88	9/14/2021	ND	32.80	0.00	692.08
MW-14	724.88	9/23/2021	ND	33.22	0.00	691.66
MW-14	724.88	10/6/2021	ND	33.31	0.00	691.57
MW-14	724.88	10/12/2021	ND	33.48	0.00	691.40
MW-14	724.88	10/18/2021	ND	33.69	0.00	691.19
MW-14	724.88	10/27/2021	ND	33.88	0.00	691.00
MW-14	724.88	11/1/2021	ND	34.01	0.00	690.87
MW-14	724.88	11/15/2021	ND	34.33	0.00	690.55
MW-15	725.70	9/3/2020	ND	33.31	0.00	692.39
MW-15	725.70	9/5/2020	ND	33.38	0.00	692.32
MW-15	725.70	9/14/2020	ND	34.79	0.00	690.91
MW-15	725.70	9/18/2020	ND	34.81	0.00	690.89
MW-15	725.70	9/28/2020	ND	34.18	0.00	691.52
MW-15	725.70	10/3/2020	ND	34.89	0.00	690.81
MW-15	725.70	10/19/2020	ND	34.88	0.00	690.82
MW-15	725.70	10/26/2020	ND	34.88	0.00	690.82
MW-15	725.70	11/9/2020	ND	34.84	0.00	690.86
MW-15	725.70	11/18/2020	ND	34.85	0.00	690.85
MW-15	725.70	11/23/2020	ND	34.82	0.00	690.88
MW-15	725.70	12/7/2020	ND	35.72	0.00	689.98
MW-15	725.70	12/21/2020	ND	34.66	0.00	691.04
MW-15	725.70	12/26/2020	ND	34.70	0.00	691.00
MW-15	725.70	1/10/2021	ND	34.61	0.00	691.09
MW-15	725.70	1/19/2021	ND	34.58	0.00	691.12
MW-15	725.70	1/25/2021	ND	34.50	0.00	691.20
MW-15	725.70	2/1/2021	ND	34.50	0.00	691.20
MW-15	725.70	2/8/2021	ND	34.60	0.00	691.10
MW-15	725.70	2/16/2021	ND	34.48	0.00	691.22
MW-15	725.70	2/22/2021	ND	34.43	0.00	691.27
MW-15	725.70	3/4/2021	ND	34.32	0.00	691.38
MW-15	725.70	3/8/2021	ND	34.37	0.00	691.33
MW-15	725.70	3/15/2021	ND	34.27	0.00	691.43
MW-15	725.70	3/22/2021	ND	34.14	0.00	691.56
MW-15	725.70	4/1/2021	ND	34.03	0.00	691.67
MW-15	725.70	4/12/2021	ND	33.77	0.00	691.93
MW-15	725.70	4/19/2021	ND	33.68	0.00	692.02

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-15	725.70	4/29/2021	ND	33.51	0.00	692.19
MW-15	725.70	5/3/2021	ND	33.46	0.00	692.24
MW-15	725.70	5/10/2021	ND	33.43	0.00	692.27
MW-15	725.70	5/18/2021	ND	33.40	0.00	692.30
MW-15	725.70	5/26/2021	ND	33.37	0.00	692.33
MW-15	725.70	5/31/2021	ND	33.44	0.00	692.26
MW-15	725.70	6/7/2021	ND	33.42	0.00	692.28
MW-15	725.70	6/14/2021	ND	33.49	0.00	692.21
MW-15	725.70	6/21/2021	ND	33.58	0.00	692.12
MW-15	725.70	7/1/2021	ND	33.73	0.00	691.97
MW-15	725.70	7/6/2021	ND	33.85	0.00	691.85
MW-15	725.70	7/14/2021	ND	33.99	0.00	691.71
MW-15	725.70	7/28/2021	ND	34.21	0.00	691.49
MW-15	725.70	8/2/2021	ND	34.34	0.00	691.36
MW-15	725.70	8/16/2021	ND	34.54	0.00	691.16
MW-15	725.70	8/26/2021	ND	34.72	0.00	690.98
MW-15	725.70	8/30/2021	ND	34.75	0.00	690.95
MW-15	725.70	9/14/2021	ND	34.98	0.00	690.72
MW-15	725.70	9/23/2021	ND	35.19	0.00	690.51
MW-15	725.70	10/6/2021	ND	35.40	0.00	690.30
MW-15	725.70	10/12/2021	ND	35.56	0.00	690.14
MW-15	725.70	10/18/2021	ND	35.68	0.00	690.02
MW-15	725.70	10/27/2021	ND	35.85	0.00	689.85
MW-15	725.70	11/1/2021	ND	35.96	0.00	689.74
MW-15	725.70	11/15/2021	ND	36.21	0.00	689.49
MW-16	725.49	9/14/2020	ND	26.02	0.00	699.47
MW-16	725.49	9/18/2020	ND	33.90	0.00	691.59
MW-16	725.49	9/28/2020	ND	33.87	0.00	691.62
MW-16	725.49	10/3/2020	ND	33.91	0.00	691.58
MW-16	725.49	10/19/2020	ND	33.89	0.00	691.60
MW-16	725.49	10/26/2020	ND	33.86	0.00	691.63
MW-16	725.49	11/9/2020	ND	33.85	0.00	691.64
MW-16	725.49	11/18/2020	ND	33.85	0.00	691.64
MW-16	725.49	11/23/2020	ND	34.78	0.00	690.71
MW-16	725.49	12/7/2020	ND	33.42	0.00	692.07
MW-16	725.49	12/21/2020	ND	33.73	0.00	691.76
MW-16	725.49	12/26/2020	ND	33.79	0.00	691.70
MW-16	725.49	1/10/2021	ND	33.73	0.00	691.76
MW-16	725.49	1/19/2021	ND	33.69	0.00	691.80
MW-16	725.49	1/25/2021	ND	33.58	0.00	691.91
MW-16	725.49	2/1/2021	ND	33.63	0.00	691.86

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-16	725.49	2/8/2021	ND	33.71	0.00	691.78
MW-16	725.49	2/16/2021	ND	33.64	0.00	691.85
MW-16	725.49	2/22/2021	ND	33.57	0.00	691.92
MW-16	725.49	3/4/2021	ND	33.48	0.00	692.01
MW-16	725.49	3/8/2021	ND	33.55	0.00	691.94
MW-16	725.49	3/15/2021	ND	33.50	0.00	691.99
MW-16	725.49	3/22/2021	ND	33.46	0.00	692.03
MW-16	725.49	4/1/2021	ND	33.32	0.00	692.17
MW-16	725.49	4/12/2021	ND	33.16	0.00	692.33
MW-16	725.49	4/19/2021	ND	33.08	0.00	692.41
MW-16	725.49	4/29/2021	ND	32.98	0.00	692.51
MW-16	725.49	5/3/2021	ND	32.95	0.00	692.54
MW-16	725.49	5/10/2021	ND	32.94	0.00	692.55
MW-16	725.49	5/18/2021	ND	32.92	0.00	692.57
MW-16	725.49	5/26/2021	ND	32.90	0.00	692.59
MW-16	725.49	5/31/2021	ND	32.98	0.00	692.51
MW-16	725.49	6/7/2021	ND	32.98	0.00	692.51
MW-16	725.49	6/14/2021	ND	32.98	0.00	692.51
MW-16	725.49	6/21/2021	ND	33.03	0.00	692.46
MW-16	725.49	7/1/2021	ND	33.15	0.00	692.34
MW-16	725.49	7/6/2021	ND	33.24	0.00	692.25
MW-16	725.49	7/14/2021	ND	33.42	0.00	692.07
MW-16	725.49	7/28/2021	ND	33.52	0.00	691.97
MW-16	725.49	8/2/2021	ND	33.65	0.00	691.84
MW-16	725.49	8/16/2021	ND	33.85	0.00	691.64
MW-16	725.49	8/26/2021	ND	33.84	0.00	691.65
MW-16	725.49	8/30/2021	ND	33.91	0.00	691.58
MW-16	725.49	9/14/2021	ND	34.26	0.00	691.23
MW-16	725.49	9/23/2021	ND	34.44	0.00	691.05
MW-16	725.49	10/6/2021	ND	34.65	0.00	690.84
MW-16	725.49	10/12/2021	ND	34.77	0.00	690.72
MW-16	725.49	10/18/2021	ND	34.92	0.00	690.57
MW-16	725.49	10/27/2021	ND	35.12	0.00	690.37
MW-16	725.49	11/1/2021	ND	35.20	0.00	690.29
MW-16	725.49	11/15/2021	ND	35.42	0.00	690.07
MW-17	727.50	9/14/2020	ND	31.32	0.00	696.18
MW-17	727.50	9/18/2020	ND	35.71	0.00	691.79
MW-17	727.50	9/28/2020	ND	35.70	0.00	691.80
MW-17	727.50	10/3/2020	ND	35.75	0.00	691.75

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-17	727.50	10/19/2020	ND	35.73	0.00	691.77
MW-17	727.50	10/26/2020	ND	35.72	0.00	691.78
MW-17	727.50	10/28/2020	ND	37.72	0.00	689.78
MW-17	727.50	11/9/2020	ND	35.72	0.00	691.78
MW-17	727.50	11/18/2020	ND	35.73	0.00	691.77
MW-17	727.50	11/23/2020	ND	35.68	0.00	691.82
MW-17	727.50	12/7/2020	ND	35.60	0.00	691.90
MW-17	727.50	12/21/2020	ND	35.62	0.00	691.88
MW-17	727.50	12/26/2020	ND	35.70	0.00	691.80
MW-17	727.50	1/10/2021	ND	35.68	0.00	691.82
MW-17	727.50	1/19/2021	ND	35.68	0.00	691.82
MW-17	727.50	1/25/2021	ND	35.56	0.00	691.94
MW-17	727.50	2/1/2021	ND	35.61	0.00	691.89
MW-17	727.50	2/8/2021	ND	35.73	0.00	691.77
MW-17	727.50	2/16/2021	ND	35.66	0.00	691.84
MW-17	727.50	2/22/2021	ND	35.63	0.00	691.87
MW-17	727.50	3/4/2021	ND	35.57	0.00	691.93
MW-17	727.50	3/8/2021	ND	35.63	0.00	691.87
MW-17	727.50	3/15/2021	ND	35.55	0.00	691.95
MW-17	727.50	3/22/2021	ND	35.51	0.00	691.99
MW-17	727.50	4/1/2021	ND	35.41	0.00	692.09
MW-17	727.50	4/12/2021	ND	35.17	0.00	692.33
MW-17	727.50	4/19/2021	ND	35.16	0.00	692.34
MW-17	727.50	4/29/2021	ND	35.08	0.00	692.42
MW-17	727.50	5/3/2021	ND	35.01	0.00	692.49
MW-17	727.50	5/10/2021	ND	34.98	0.00	692.52
MW-17	727.50	5/18/2021	ND	34.98	0.00	692.52
MW-17	727.50	5/26/2021	ND	34.94	0.00	692.56
MW-17	727.50	5/31/2021	ND	35.02	0.00	692.48
MW-17	727.50	6/7/2021	ND	35.00	0.00	692.50
MW-17	727.50	6/14/2021	ND	34.99	0.00	692.51
MW-17	727.50	6/21/2021	ND	35.03	0.00	692.47
MW-17	727.50	7/1/2021	ND	35.12	0.00	692.38
MW-17	727.50	7/6/2021	ND	35.24	0.00	692.26
MW-17	727.50	7/14/2021	ND	35.43	0.00	692.07
MW-17	727.50	7/28/2021	ND	35.53	0.00	691.97
MW-17	727.50	8/2/2021	ND	35.69	0.00	691.81
MW-17	727.50	8/16/2021	ND	35.86	0.00	691.64
MW-17	727.50	8/26/2021	ND	34.94	0.00	692.56
MW-17	727.50	8/30/2021	ND	35.57	0.00	691.93
MW-17	727.50	9/14/2021	ND	36.28	0.00	691.22

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-17	727.50	9/23/2021	ND	36.46	0.00	691.04
MW-17	727.50	10/6/2021	ND	36.63	0.00	690.87
MW-17	727.50	10/12/2021	ND	36.78	0.00	690.72
MW-17	727.50	10/18/2021	ND	36.93	0.00	690.57
MW-17	727.50	10/27/2021	ND	37.07	0.00	690.43
MW-17	727.50	11/1/2021	ND	37.18	0.00	690.32
MW-17	727.50	11/15/2021	ND	37.41	0.00	690.09
MW-18	729.75	9/3/2020	ND	36.67	0.00	693.08
MW-18	729.75	9/14/2020	ND	39.78	0.00	689.97
MW-18	729.75	9/18/2020	ND	39.75	0.00	690.00
MW-18	729.75	9/28/2020	ND	39.71	0.00	690.04
MW-18	729.75	10/3/2020	ND	39.79	0.00	689.96
MW-18	729.75	10/19/2020	ND	39.88	0.00	689.87
MW-18	729.75	10/26/2020	ND	39.93	0.00	689.82
MW-18	729.75	11/9/2020	ND	40.04	0.00	689.71
MW-18	729.75	11/18/2020	ND	40.15	0.00	689.60
MW-18	729.75	11/23/2020	ND	40.17	0.00	689.58
MW-18	729.75	12/7/2020	ND	40.11	0.00	689.64
MW-18	729.75	12/21/2020	40.13	40.88	0.75	689.42
MW-18	729.75	12/26/2020	39.85	41.95	2.10	689.34
MW-18	729.75	1/10/2021	39.89	45.56	5.67	688.34
MW-18	729.75	1/19/2021	39.24	45.50	6.26	688.83
MW-18	729.75	1/25/2021	39.35	45.57	6.22	688.74
MW-18	729.75	2/1/2021	39.30	45.80	6.50	688.71
MW-18	729.75	2/8/2021	39.57	46.40	6.83	688.35
MW-18	729.75	2/16/2021	39.27	46.48	7.21	688.55
MW-18	729.75	2/22/2021	39.16	46.44	7.28	688.64
MW-18	729.75	3/4/2021	ND	39.21	0.00	690.54
MW-18	729.75	3/8/2021	ARP	ARP	ARP	ARP
MW-18	729.75	3/15/2021	ARP	ARP	ARP	ARP
MW-18	729.75	3/22/2021	ARP	ARP	ARP	ARP
MW-18	728.17	4/1/2021	39.51	39.64	0.13	688.63
MW-18	728.17	4/12/2021	ARP	ARP	ARP	ARP
MW-18	728.17	4/19/2021	ARP	ARP	ARP	ARP
MW-18	728.17	4/29/2021	39.03	40.55	1.52	688.73
MW-18	728.17	5/3/2021	ARP	ARP	ARP	ARP
MW-18	728.17	5/10/2021	ARP	ARP	ARP	ARP
MW-18	728.17	5/18/2021	ARP	ARP	ARP	ARP
MW-18	728.17	5/26/2021	39.24	40.63	1.39	688.56
MW-18	728.17	5/31/2021	ARP	ARP	ARP	ARP
MW-18	728.17	6/7/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-18	728.17	6/14/2021	ARP	ARP	ARP	ARP
MW-18	728.17	6/21/2021	ARP	ARP	ARP	ARP
MW-18	728.17	7/1/2021	39.54	41.06	1.52	688.22
MW-18	728.17	7/6/2021	ARP	ARP	ARP	ARP
MW-18	728.17	7/14/2021	39.62	41.18	1.56	688.13
MW-18	728.17	7/28/2021	40.18	41.59	1.41	687.61
MW-18	728.17	8/16/2021	ARP	ARP	ARP	ARP
MW-18	728.17	8/26/2021	40.90	42.45	1.55	686.86
MW-18	728.17	8/30/2021	ARP	ARP	ARP	ARP
MW-18	728.17	9/16/2021	41.53	43.07	1.54	686.23
MW-18R	728.17	9/23/2021	41.73	43.18	1.45	686.05
MW-18R	728.17	10/6/2021	ARP	ARP	ARP	ARP
MW-18R	728.17	10/12/2021	ARP	ARP	ARP	ARP
MW-18R	728.17	10/18/2021	ARP	ARP	ARP	ARP
MW-18R	728.17	10/27/2021	42.35	44.05	1.70	685.37
MW-18R	728.17	11/1/2021	ARP	ARP	ARP	ARP
MW-19	726.29	9/14/2020	ND	13.45	0.00	712.84
MW-19	726.29	9/18/2020	ND	31.25	0.00	695.04
MW-19	726.29	9/28/2020	ND	31.27	0.00	695.02
MW-19	726.29	10/3/2020	ND	31.28	0.00	695.01
MW-19	726.29	10/5/2020	ND	33.28	0.00	693.01
MW-19	726.29	10/19/2020	ND	31.26	0.00	695.03
MW-19	726.29	10/26/2020	ND	31.28	0.00	695.01
MW-19	726.29	11/9/2020	ND	31.30	0.00	694.99
MW-19	726.29	11/18/2020	ND	31.35	0.00	694.94
MW-19	726.29	11/23/2020	ND	31.28	0.00	695.01
MW-19	726.29	12/7/2020	ND	31.23	0.00	695.06
MW-19	726.29	12/21/2020	ND	31.30	0.00	694.99
MW-19	726.29	12/26/2020	ND	31.35	0.00	694.94
MW-19	726.29	1/10/2021	ND	31.28	0.00	695.01
MW-19	726.29	1/19/2021	ND	31.26	0.00	695.03
MW-19	726.29	1/25/2021	ND	41.09	0.00	685.20
MW-19	726.29	2/1/2021	ND	31.14	0.00	695.15
MW-19	726.29	2/8/2021	ND	31.22	0.00	695.07
MW-19	726.29	2/16/2021	ND	31.11	0.00	695.18
MW-19	726.29	2/22/2021	ND	30.92	0.00	695.37
MW-19	726.29	3/4/2021	ND	30.58	0.00	695.71
MW-19	726.29	3/8/2021	ND	30.56	0.00	695.73
MW-19	726.29	3/15/2021	ND	30.44	0.00	695.85
MW-19	726.29	3/22/2021	ND	30.42	0.00	695.87
MW-19	726.29	4/1/2021	ND	30.17	0.00	696.12

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-19	726.29	4/12/2021	ND	29.83	0.00	696.46
MW-19	726.29	4/19/2021	ND	29.86	0.00	696.43
MW-19	726.29	4/29/2021	ND	30.02	0.00	696.27
MW-19	726.29	5/3/2021	ND	30.05	0.00	696.24
MW-19	726.29	5/10/2021	ND	30.22	0.00	696.07
MW-19	726.29	5/18/2021	ND	30.37	0.00	695.92
MW-19	726.29	5/26/2021	ND	30.42	0.00	695.87
MW-19	726.29	5/31/2021	ND	30.55	0.00	695.74
MW-19	726.29	6/7/2021	ND	30.56	0.00	695.73
MW-19	726.29	6/14/2021	ND	30.52	0.00	695.77
MW-19	726.29	6/21/2021	ND	30.72	0.00	695.57
MW-19	726.29	7/1/2021	ND	30.78	0.00	695.51
MW-19	726.29	7/6/2021	ND	30.84	0.00	695.45
MW-19	726.29	7/14/2021	ND	30.94	0.00	695.35
MW-19	726.29	7/28/2021	ND	30.87	0.00	695.42
MW-19	726.29	8/2/2021	ND	30.95	0.00	695.34
MW-19	726.29	8/16/2021	ND	31.03	0.00	695.26
MW-19	726.29	8/26/2021	ND	31.07	0.00	695.22
MW-19	726.29	8/30/2021	ND	31.03	0.00	695.26
MW-19	726.29	9/14/2021	ND	31.20	0.00	695.09
MW-19	726.29	9/23/2021	ND	31.40	0.00	694.89
MW-19	726.29	10/6/2021	ND	31.54	0.00	694.75
MW-19	726.29	10/12/2021	ND	31.66	0.00	694.63
MW-19	726.29	10/18/2021	ND	31.76	0.00	694.53
MW-19	726.29	10/27/2021	ND	31.87	0.00	694.42
MW-19	726.29	11/1/2021	ND	32.00	0.00	694.29
MW-19	726.29	11/15/2021	ND	32.22	0.00	694.07
MW-20	729.69	9/3/2020	ND	41.44	0.00	688.25
MW-20	729.69	9/14/2020	ND	42.25	0.00	687.44
MW-20	729.69	9/18/2020	ND	40.21	0.00	689.48
MW-20	729.69	9/28/2020	ND	42.17	0.00	687.52
MW-20	729.69	10/3/2020	ND	42.12	0.00	687.57
MW-20	729.69	10/19/2020	ND	42.16	0.00	687.53
MW-20	729.69	10/21/2020	ND	44.16	0.00	685.53
MW-20	729.69	10/26/2020	ND	42.15	0.00	687.54
MW-20	729.69	11/9/2020	ND	42.14	0.00	687.55
MW-20	729.69	11/18/2020	ND	42.29	0.00	687.40
MW-20	729.69	11/23/2020	ND	42.22	0.00	687.47
MW-20	729.69	12/7/2020	ND	42.15	0.00	687.54
MW-20	729.69	12/21/2020	ND	42.26	0.00	687.43
MW-20	729.69	12/26/2020	ND	42.31	0.00	687.38

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-20	729.69	1/10/2021	ND	42.46	0.00	687.23
MW-20	729.69	1/19/2021	ND	42.54	0.00	687.15
MW-20	729.69	1/25/2021	ND	42.56	0.00	687.13
MW-20	729.69	2/1/2021	ND	42.58	0.00	687.11
MW-20	729.69	2/8/2021	ND	42.84	0.00	686.85
MW-20	729.69	2/16/2021	ND	42.69	0.00	687.00
MW-20	729.69	2/22/2021	ND	42.68	0.00	687.01
MW-20	729.69	3/4/2021	ND	42.62	0.00	687.07
MW-20	729.69	3/8/2021	ND	42.69	0.00	687.00
MW-20	729.69	3/15/2021	ND	42.60	0.00	687.09
MW-20	729.69	3/22/2021	ND	42.55	0.00	687.14
MW-20	729.69	4/1/2021	ND	42.49	0.00	687.20
MW-20	729.69	4/12/2021	ND	42.32	0.00	687.37
MW-20	729.69	4/19/2021	ND	42.31	0.00	687.38
MW-20	729.69	4/29/2021	ND	42.19	0.00	687.50
MW-20	729.69	5/3/2021	ND	42.12	0.00	687.57
MW-20	729.69	5/10/2021	ND	42.11	0.00	687.58
MW-20	729.69	5/18/2021	ND	42.10	0.00	687.59
MW-20	729.69	5/26/2021	ND	42.13	0.00	687.56
MW-20	729.69	5/31/2021	ND	42.16	0.00	687.53
MW-20	729.69	6/7/2021	ND	42.22	0.00	687.47
MW-20	729.69	6/14/2021	ND	42.22	0.00	687.47
MW-20	729.69	6/21/2021	ND	42.30	0.00	687.39
MW-20	729.69	7/1/2021	ND	42.43	0.00	687.26
MW-20	729.69	7/6/2021	ND	42.50	0.00	687.19
MW-20	729.69	7/14/2021	ND	42.56	0.00	687.13
MW-20	729.69	7/28/2021	ND	42.86	0.00	686.83
MW-20	729.69	8/2/2021	ND	43.09	0.00	686.60
MW-20	729.69	8/16/2021	ND	43.39	0.00	686.30
MW-20	729.69	8/26/2021	ND	43.60	0.00	686.09
MW-20	729.69	8/30/2021	ND	43.64	0.00	686.05
MW-20	729.69	9/14/2021	ND	44.10	0.00	685.59
MW-20	729.69	9/23/2021	ND	44.34	0.00	685.35
MW-20	729.69	10/6/2021	ND	44.58	0.00	685.11
MW-20	729.69	10/12/2021	ND	44.77	0.00	684.92
MW-20	729.69	10/18/2021	ND	44.95	0.00	684.74
MW-20	729.69	10/27/2021	ND	45.11	0.00	684.58
MW-20	729.69	11/1/2021	ND	45.27	0.00	684.42
MW-20	729.69	11/15/2021	ND	45.73	0.00	683.96
MW-21	724.97	9/14/2020	ND	24.99	0.00	699.98
MW-21	724.97	9/18/2020	ND	30.79	0.00	694.18

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-21	724.97	9/28/2020	ND	30.73	0.00	694.24
MW-21	724.97	10/3/2020	ND	30.81	0.00	694.16
MW-21	724.97	10/19/2020	ND	30.76	0.00	694.21
MW-21	724.97	10/26/2020	ND	30.74	0.00	694.23
MW-21	724.97	11/9/2020	ND	30.78	0.00	694.19
MW-21	724.97	11/18/2020	ND	30.81	0.00	694.16
MW-21	724.97	11/23/2020	ND	30.76	0.00	694.21
MW-21	724.97	12/7/2020	ND	30.71	0.00	694.26
MW-21	724.97	12/21/2020	ND	30.80	0.00	694.17
MW-21	724.97	12/26/2020	ND	30.87	0.00	694.10
MW-21	724.97	1/10/2021	ND	30.92	0.00	694.05
MW-21	724.97	1/19/2021	ND	30.90	0.00	694.07
MW-21	724.97	1/25/2021	ND	30.73	0.00	694.24
MW-21	724.97	2/1/2021	ND	30.78	0.00	694.19
MW-21	724.97	2/8/2021	ND	30.93	0.00	694.04
MW-21	724.97	2/16/2021	ND	30.84	0.00	694.13
MW-21	724.97	2/22/2021	ND	30.82	0.00	694.15
MW-21	724.97	3/4/2021	ND	30.80	0.00	694.17
MW-21	724.97	3/8/2021	ND	30.91	0.00	694.06
MW-21	724.97	3/15/2021	ND	30.81	0.00	694.16
MW-21	724.97	3/22/2021	ND	30.78	0.00	694.19
MW-21	724.97	4/1/2021	ND	30.71	0.00	694.26
MW-21	724.97	4/12/2021	ND	30.56	0.00	694.41
MW-21	724.97	4/19/2021	ND	30.48	0.00	694.49
MW-21	724.97	4/29/2021	ND	30.41	0.00	694.56
MW-21	724.97	5/3/2021	ND	30.38	0.00	694.59
MW-21	724.97	5/10/2021	ND	30.39	0.00	694.58
MW-21	724.97	5/18/2021	ND	30.46	0.00	694.51
MW-21	724.97	5/26/2021	ND	30.42	0.00	694.55
MW-21	724.97	5/31/2021	ND	30.52	0.00	694.45
MW-21	724.97	6/7/2021	ND	30.45	0.00	694.52
MW-21	724.97	6/14/2021	ND	31.50	0.00	693.47
MW-21	724.97	6/21/2021	ND	30.51	0.00	694.46
MW-21	724.97	7/1/2021	ND	30.60	0.00	694.37
MW-21	724.97	7/6/2021	ND	30.66	0.00	694.31
MW-21	724.97	7/14/2021	ND	30.77	0.00	694.20
MW-21	724.97	7/28/2021	ND	30.76	0.00	694.21
MW-21	724.97	8/2/2021	ND	30.87	0.00	694.10
MW-21	724.97	8/16/2021	ND	30.92	0.00	694.05
MW-21	724.97	8/26/2021	ND	36.40	0.00	688.57

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-21	724.97	8/30/2021	ND	30.69	0.00	694.28
MW-21	724.97	9/14/2021	ND	31.15	0.00	693.82
MW-21	724.97	9/23/2021	ND	31.23	0.00	693.74
MW-21	724.97	10/6/2021	ND	31.36	0.00	693.61
MW-21	724.97	10/12/2021	ND	31.47	0.00	693.50
MW-21	724.97	10/18/2021	ND	31.59	0.00	693.38
MW-21	724.97	10/27/2021	ND	31.72	0.00	693.25
MW-21	724.97	11/1/2021	ND	31.84	0.00	693.13
MW-21	724.97	11/15/2021	ND	32.05	0.00	692.92
MW-22	721.89	1/10/2020	ARP	ARP	ARP	ARP
MW-22	721.89	9/14/2020	ND	34.88	0.00	687.01
MW-22	721.89	9/18/2020	ND	34.82	0.00	687.07
MW-22	721.89	9/28/2020	ND	34.77	0.00	687.12
MW-22	721.89	10/3/2020	ND	34.88	0.00	687.01
MW-22	721.89	10/19/2020	ND	35.02	0.00	686.87
MW-22	721.89	10/26/2020	ND	35.12	0.00	686.77
MW-22	721.89	11/9/2020	ND	34.80	0.00	687.09
MW-22	721.89	11/18/2020	ND	34.98	0.00	686.91
MW-22	721.89	11/23/2020	ND	34.90	0.00	686.99
MW-22	721.89	12/7/2020	34.71	36.79	2.08	686.63
MW-22	721.89	12/21/2020	ARP	ARP	ARP	ARP
MW-22	721.89	12/26/2020	35.85	37.54	1.69	685.59
MW-22	721.89	1/19/2021	ARP	ARP	ARP	ARP
MW-22	721.89	1/25/2021	ARP	ARP	ARP	ARP
MW-22	721.89	2/1/2021	Dry	Dry	Dry	Dry
MW-22	721.89	2/8/2021	ARP	ARP	ARP	ARP
MW-22	721.89	2/16/2021	ARP	ARP	ARP	ARP
MW-22	721.89	2/22/2021	ARP	ARP	ARP	ARP
MW-22	721.89	3/4/2021	37.06	37.59	0.53	684.69
MW-22	721.89	3/8/2021	ARP	ARP	ARP	ARP
MW-22	721.89	3/15/2021	ARP	ARP	ARP	ARP
MW-22	721.89	3/22/2021	ARP	ARP	ARP	ARP
MW-22	721.89	4/1/2021	37.22	37.25	0.03	684.66
MW-22	721.89	4/12/2021	ARP	ARP	ARP	ARP
MW-22	721.89	4/19/2021	ARP	ARP	ARP	ARP
MW-22	721.89	4/29/2021	37.22	37.48	0.26	684.60
MW-22	721.89	5/3/2021	ARP	ARP	ARP	ARP
MW-22	721.89	5/10/2021	ARP	ARP	ARP	ARP
MW-22	721.89	5/18/2021	ARP	ARP	ARP	ARP
MW-22	721.89	5/26/2021	Dry	Dry	Dry	Dry

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-22	721.89	5/31/2021	ARP	ARP	ARP	ARP
MW-22	721.89	6/7/2021	ARP	ARP	ARP	ARP
MW-22	721.89	6/14/2021	ARP	ARP	ARP	ARP
MW-22	721.89	6/21/2021	ARP	ARP	ARP	ARP
MW-22	721.89	7/1/2021	Dry	Dry	Dry	Dry
MW-22	721.89	7/6/2021	ARP	ARP	ARP	ARP
MW-22	721.89	7/14/2021	Dry	Dry	Dry	Dry
MW-22	721.89	7/28/2021	37.25	37.34	0.09	684.62
MW-22	721.89	8/16/2021	Dry	Dry	Dry	Dry
MW-22	721.89	8/26/2021	Dry	Dry	Dry	Dry
MW-22	721.89	8/30/2021	Dry	Dry	Dry	Dry
MW-22	721.89	9/14/2021	39.60	39.65	0.05	682.28
MW-22	721.89	9/16/2021	39.03	39.38	0.35	682.77
MW-22R	721.89	9/23/2021	39.03	40.51	1.48	682.46
MW-22R	721.89	10/6/2021	ARP	ARP	ARP	ARP
MW-22R	721.89	10/12/2021	ARP	ARP	ARP	ARP
MW-22R	721.89	10/18/2021	ARP	ARP	ARP	ARP
MW-22R	721.89	10/27/2021	40.96	41.09	0.13	680.90
MW-22R	721.89	11/1/2021	ARP	ARP	ARP	ARP
MW-23	724.32	9/14/2020	ND	30.06	0.00	694.26
MW-23	724.32	9/18/2020	ND	30.38	0.00	693.94
MW-23	724.32	9/28/2020	ND	29.82	0.00	694.50
MW-23	723.81	10/3/2020	ND	29.86	0.00	693.95
MW-23	723.81	10/19/2020	ND	29.81	0.00	694.00
MW-23	723.81	10/26/2020	ND	29.78	0.00	694.03
MW-23	723.81	11/9/2020	ND	29.79	0.00	694.02
MW-23	723.81	11/18/2020	ND	29.82	0.00	693.99
MW-23	723.81	11/23/2020	ND	30.79	0.00	693.02
MW-23	723.81	12/7/2020	ND	29.73	0.00	694.08
MW-23	723.81	12/21/2020	ND	29.79	0.00	694.02
MW-23	723.81	12/26/2020	ND	28.10	0.00	695.71
MW-23	723.81	1/10/2021	ND	29.88	0.00	693.93
MW-23	723.81	1/19/2021	ND	29.57	0.00	694.24
MW-23	723.81	1/25/2021	ND	29.74	0.00	694.07
MW-23	723.81	2/1/2021	ND	29.76	0.00	694.05
MW-23	723.81	2/8/2021	ND	29.89	0.00	693.92
MW-23	723.81	2/16/2021	ND	29.80	0.00	694.01
MW-23	723.81	2/22/2021	ND	29.75	0.00	694.06
MW-23	723.74	3/4/2021	ND	29.74	0.00	694.00
MW-23	723.74	3/8/2021	ND	29.83	0.00	693.91
MW-23	723.74	3/15/2021	ND	29.74	0.00	694.00

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-23	723.74	3/22/2021	ND	29.71	0.00	694.03
MW-23	723.74	4/1/2021	ND	29.65	0.00	694.09
MW-23	723.74	4/12/2021	ND	29.51	0.00	694.23
MW-23	723.74	4/19/2021	ND	29.30	0.00	694.44
MW-23	723.74	4/29/2021	ND	29.36	0.00	694.38
MW-23	723.74	5/3/2021	ND	29.34	0.00	694.40
MW-23	723.74	5/10/2021	ND	29.34	0.00	694.40
MW-23	723.74	5/18/2021	ND	29.41	0.00	694.33
MW-23	723.74	5/26/2021	ND	29.36	0.00	694.38
MW-23	723.74	5/31/2021	ND	29.45	0.00	694.29
MW-23	723.74	6/7/2021	ND	29.44	0.00	694.30
MW-23	723.74	6/14/2021	ND	29.40	0.00	694.34
MW-23	723.74	6/21/2021	ND	29.43	0.00	694.31
MW-23	723.74	7/1/2021	ND	29.56	0.00	694.18
MW-23	723.74	7/6/2021	ND	29.59	0.00	694.15
MW-23	723.74	7/14/2021	ND	29.67	0.00	694.07
MW-23	723.74	7/28/2021	ND	29.65	0.00	694.09
MW-23	723.74	8/2/2021	ND	29.77	0.00	693.97
MW-23	723.74	8/16/2021	ND	29.80	0.00	693.94
MW-23	723.74	8/26/2021	ND	28.51	0.00	695.23
MW-23	723.74	8/30/2021	ND	29.23	0.00	694.51
MW-23	723.74	9/14/2021	ND	30.01	0.00	693.73
MW-23	723.74	9/23/2021	ND	30.14	0.00	693.60
MW-23	723.74	10/6/2021	ND	30.26	0.00	693.48
MW-23	723.74	10/12/2021	ND	30.39	0.00	693.35
MW-23	723.74	10/18/2021	ND	30.52	0.00	693.22
MW-23	723.74	10/27/2021	ND	31.64	0.00	692.10
MW-23	723.74	11/1/2021	ND	30.76	0.00	692.98
MW-23	723.74	11/15/2021	ND	31.00	0.00	692.74
MW-24	737.63	9/14/2020	44.36	46.69	2.33	692.65
MW-24	737.63	9/18/2020	43.71	48.36	4.65	692.67
MW-24	737.63	9/28/2020	41.54	54.21	12.67	692.70
MW-24	737.63	10/3/2020	41.54	55.61	14.07	692.32
MW-24	737.63	10/19/2020	41.72	55.25	13.53	692.29
MW-24	737.63	10/26/2020	41.26	55.45	14.19	692.57
MW-24	737.63	11/9/2020	42.63	52.83	10.20	692.27
MW-24	737.63	11/18/2020	ARP	ARP	ARP	ARP
MW-24	737.63	11/23/2020	ARP	ARP	ARP	ARP
MW-24	737.63	12/7/2020	ARP	ARP	ARP	ARP
MW-24	737.63	12/21/2020	ARP	ARP	ARP	ARP
MW-24	737.63	12/26/2020	43.01	56.43	13.42	691.03

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-24	737.63	1/10/2021	ARP	ARP	ARP	ARP
MW-24	737.63	1/19/2021	ARP	ARP	ARP	ARP
MW-24	737.63	1/25/2021	ARP	ARP	ARP	ARP
MW-24	737.63	2/1/2021	43.68	56.60	12.92	690.49
MW-24	737.63	2/8/2021	ARP	ARP	ARP	ARP
MW-24	737.63	2/16/2021	ARP	ARP	ARP	ARP
MW-24	737.63	2/22/2021	ARP	ARP	ARP	ARP
MW-24	737.63	3/4/2021	44.03	55.90	11.87	690.42
MW-24	737.63	3/8/2021	ARP	ARP	ARP	ARP
MW-24	737.63	3/15/2021	ARP	ARP	ARP	ARP
MW-24	737.63	3/22/2021	ARP	ARP	ARP	ARP
MW-24	737.63	4/1/2021	44.91	54.37	9.46	690.19
MW-24	737.63	4/12/2021	ARP	ARP	ARP	ARP
MW-24	737.63	4/19/2021	ARP	ARP	ARP	ARP
MW-24	737.63	4/29/2021	44.92	54.26	9.34	690.21
MW-24	737.63	5/3/2021	ARP	ARP	ARP	ARP
MW-24	737.63	5/10/2021	ARP	ARP	ARP	ARP
MW-24	737.63	5/18/2021	ARP	ARP	ARP	ARP
MW-24	737.63	5/26/2021	45.19	53.94	8.75	690.10
MW-24	737.63	5/31/2021	ARP	ARP	ARP	ARP
MW-24	737.63	6/7/2021	ARP	ARP	ARP	ARP
MW-24	737.63	6/14/2021	ARP	ARP	ARP	ARP
MW-24	737.63	6/21/2021	ARP	ARP	ARP	ARP
MW-24	737.63	7/1/2021	45.11	55.71	10.60	689.68
MW-24	737.63	7/6/2021	ARP	ARP	ARP	ARP
MW-24	737.63	7/14/2021	45.85	53.75	7.90	689.67
MW-24	737.63	7/28/2021	46.21	53.56	7.35	689.45
MW-24	737.63	8/16/2021	ARP	ARP	ARP	ARP
MW-24	737.63	8/26/2021	46.84	53.99	7.15	688.88
MW-24	737.63	8/30/2021	ARP	ARP	ARP	ARP
MW-24	737.63	9/16/2021	48.35	52.82	4.47	688.08
MW-24	737.63	9/23/2021	48.56	52.76	4.20	687.95
MW-24	737.63	10/6/2021	ARP	ARP	ARP	ARP
MW-24	737.63	10/12/2021	ARP	ARP	ARP	ARP
MW-24	737.63	10/18/2021	ARP	ARP	ARP	ARP
MW-24	737.63	10/27/2021	48.12	56.76	8.64	687.20
MW-24	737.63	11/1/2021	ARP	ARP	ARP	ARP
MW-25	734.04	9/14/2020	ND	43.52	0.00	690.52
MW-25	734.04	9/18/2020	ND	43.48	0.00	690.56
MW-25	734.04	9/28/2020	ND	43.40	0.00	690.64
MW-25	734.04	10/3/2020	ND	43.49	0.00	690.55

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-25	734.04	10/19/2020	ND	43.54	0.00	690.50
MW-25	734.04	10/21/2020	ND	45.54	0.00	688.50
MW-25	734.04	10/26/2020	ND	43.57	0.00	690.47
MW-25	734.04	11/9/2020	ND	43.61	0.00	690.43
MW-25	734.04	11/18/2020	ND	43.69	0.00	690.35
MW-25	734.04	11/23/2020	ND	44.71	0.00	689.33
MW-25	734.04	12/7/2020	ND	43.66	0.00	690.38
MW-25	734.04	12/21/2020	ND	43.85	0.00	690.19
MW-25	734.04	12/26/2020	ND	43.92	0.00	690.12
MW-25	734.04	1/10/2021	ND	44.16	0.00	689.88
MW-25	734.04	1/19/2021	ND	44.25	0.00	689.79
MW-25	734.04	1/25/2021	ND	44.29	0.00	689.75
MW-25	734.04	2/1/2021	ND	44.39	0.00	689.65
MW-25	734.04	2/8/2021	ND	44.66	0.00	689.38
MW-25	734.04	2/16/2021	ND	44.49	0.00	689.55
MW-25	734.04	2/22/2021	ND	44.39	0.00	689.65
MW-25	734.04	3/4/2021	ND	44.42	0.00	689.62
MW-25	734.04	3/8/2021	ND	44.57	0.00	689.47
MW-25	734.04	3/15/2021	ND	44.54	0.00	689.50
MW-25	734.04	3/22/2021	ND	44.53	0.00	689.51
MW-25	734.04	4/1/2021	ND	44.51	0.00	689.53
MW-25	734.04	4/12/2021	ND	44.43	0.00	689.61
MW-25	734.04	4/19/2021	ND	44.41	0.00	689.63
MW-25	734.04	4/29/2021	ND	44.40	0.00	689.64
MW-25	734.04	5/3/2021	ND	44.37	0.00	689.67
MW-25	734.04	5/10/2021	ND	44.45	0.00	689.59
MW-25	734.04	5/18/2021	ND	44.56	0.00	689.48
MW-25	734.04	5/26/2021	ND	44.54	0.00	689.50
MW-25	734.04	5/31/2021	ND	44.66	0.00	689.38
MW-25	734.04	6/7/2021	ND	44.73	0.00	689.31
MW-25	734.04	6/14/2021	ND	44.77	0.00	689.27
MW-25	734.04	6/21/2021	ND	44.83	0.00	689.21
MW-25	734.04	7/1/2021	ND	44.80	0.00	689.24
MW-25	734.04	7/6/2021	ND	44.97	0.00	689.07
MW-25	734.04	7/14/2021	ND	44.92	0.00	689.12
MW-25	734.04	7/28/2021	ND	45.47	0.00	688.57
MW-25	734.04	8/2/2021	ND	45.76	0.00	688.28
MW-25	734.04	8/16/2021	ND	46.02	0.00	688.02
MW-25	734.04	8/26/2021	ND	46.04	0.00	688.00
MW-25	734.04	8/30/2021	ND	46.22	0.00	687.82
MW-25	734.04	9/14/2021	ND	46.68	0.00	687.36

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-25	734.04	9/23/2021	ND	46.77	0.00	687.27
MW-25	734.04	10/6/2021	ND	47.02	0.00	687.02
MW-25	734.04	10/12/2021	ND	47.19	0.00	686.85
MW-25	734.04	10/18/2021	ND	47.27	0.00	686.77
MW-25	734.04	10/27/2021	ND	47.40	0.00	686.64
MW-25	734.04	11/1/2021	ND	47.58	0.00	686.46
MW-25	734.04	11/15/2021	ND	48.03	0.00	686.01
MW-26	717.71	9/14/2020	31.19	33.25	2.06	685.97
MW-26	717.71	9/18/2020	30.70	34.61	3.91	685.96
MW-26	717.71	9/28/2020	29.56	37.80	8.24	685.95
MW-26	717.71	10/3/2020	29.40	38.75	9.35	685.81
MW-26	717.71	10/19/2020	28.91	39.92	11.01	685.85
MW-26	717.71	10/21/2020	28.91	39.92	11.01	685.85
MW-26	717.71	10/26/2020	28.84	39.89	11.05	685.91
MW-26	717.71	11/9/2020	28.85	40.03	11.18	685.87
MW-26	717.71	11/18/2020	ARP	ARP	ARP	ARP
MW-26	717.71	11/23/2020	42.57	54.00	11.43	672.08
MW-26	717.71	12/7/2020	ARP	ARP	ARP	ARP
MW-26	717.71	12/21/2020	ARP	ARP	ARP	ARP
MW-26	717.71	12/26/2020	ARP	ARP	ARP	ARP
MW-26	717.71	1/10/2021	Dry	Dry	Dry	Dry
MW-26	717.71	1/19/2021	Dry	Dry	Dry	Dry
MW-26	717.71	1/25/2021	Dry	Dry	Dry	Dry
MW-26	717.71	2/1/2021	Dry	Dry	Dry	Dry
MW-26	717.71	2/8/2021	Dry	Dry	Dry	Dry
MW-26	717.71	2/16/2021	NM	NM	NM	NM
MW-26	717.71	2/22/2021	NM	NM	NM	NM
MW-26	717.71	3/4/2021	NM	NM	NM	NM
MW-26	717.71	3/8/2021	NM	NM	NM	NM
MW-26	717.71	3/15/2021	NM	NM	NM	NM
MW-26	717.71	3/22/2021	NM	NM	NM	NM
MW-26	717.71	4/1/2021	NM	NM	NM	NM
MW-26	717.71	4/12/2021	NM	NM	NM	NM
MW-26	717.71	4/19/2021	NM	NM	NM	NM
MW-26	717.71	4/29/2021	NM	NM	NM	NM
MW-26	717.71	5/3/2021	NM	NM	NM	NM
MW-26	717.71	5/10/2021	NM	NM	NM	NM
MW-26	717.71	5/18/2021	NM	NM	NM	NM
MW-26	717.71	5/26/2021	NM	NM	NM	NM
MW-26	717.71	5/31/2021	NM	NM	NM	NM
MW-26	717.71	6/7/2021	NM	NM	NM	NM

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-26	717.71	6/14/2021	NM	NM	NM	NM
MW-26	717.71	6/21/2021	NM	NM	NM	NM
MW-26	717.71	7/1/2021	NM	NM	NM	NM
MW-26	717.71	7/6/2021	NM	NM	NM	NM
MW-26	717.71	7/14/2021	NM	NM	NM	NM
MW-26	718.71	7/28/2021	NM	NM	NM	NM
MW-26	718.71	8/2/2021	NM	NM	NM	NM
MW-26	718.71	8/16/2021	NM	NM	NM	NM
MW-26	718.71	8/26/2021	NM	NM	NM	NM
MW-26	718.71	8/30/2021	NM	NM	NM	NM
MW-26R	718.71	9/16/2021	35.87	39.43	3.56	681.89
MW-26R	718.71	9/23/2021	36.75	39.33	2.58	681.27
MW-26R	718.71	10/6/2021	ARP	ARP	ARP	ARP
MW-26R	718.71	10/12/2021	ARP	ARP	ARP	ARP
MW-26R	718.71	10/18/2021	ARP	ARP	ARP	ARP
MW-26R	718.71	10/27/2021	38.56	39.52	0.96	679.89
MW-26R	718.71	11/1/2021	ARP	ARP	ARP	ARP
MW-27	716.19	9/14/2020	ND	33.27	0.00	682.92
MW-27	716.19	9/18/2020	ND	33.24	0.00	682.95
MW-27	716.19	9/28/2020	ND	33.18	0.00	683.01
MW-27	716.19	10/3/2020	ND	33.23	0.00	682.96
MW-27	716.19	10/19/2020	ND	33.24	0.00	682.95
MW-27	716.19	10/26/2020	ND	33.23	0.00	682.96
MW-27	716.19	11/9/2020	ND	33.21	0.00	682.98
MW-27	716.19	11/18/2020	ND	33.25	0.00	682.94
MW-27	716.19	11/23/2020	ND	33.19	0.00	683.00
MW-27	716.19	12/7/2020	ND	33.02	0.00	683.17
MW-27	716.19	12/21/2020	ND	33.15	0.00	683.04
MW-27	716.19	12/26/2020	ND	33.14	0.00	683.05
MW-27	716.19	1/10/2021	ND	33.25	0.00	682.94
MW-27	716.19	1/19/2021	ND	33.80	0.00	682.39
MW-27	716.19	1/25/2021	ND	34.01	0.00	682.18
MW-27	716.19	2/1/2021	ND	34.08	0.00	682.11
MW-27	716.19	2/8/2021	ND	34.29	0.00	681.90
MW-27	716.19	2/16/2021	ND	33.92	0.00	682.27
MW-27	716.19	2/22/2021	ND	33.62	0.00	682.57
MW-27	716.19	3/4/2021	ND	33.92	0.00	682.27
MW-27	716.19	3/8/2021	ND	33.53	0.00	682.66
MW-27	716.19	3/15/2021	ND	33.50	0.00	682.69
MW-27	716.19	3/22/2021	ND	33.49	0.00	682.70
MW-27	716.19	4/1/2021	ND	33.24	0.00	682.95

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-27	716.19	4/12/2021	ND	33.29	0.00	682.90
MW-27	716.19	4/19/2021	ND	33.45	0.00	682.74
MW-27	716.19	4/29/2021	ND	33.43	0.00	682.76
MW-27	716.19	5/3/2021	ND	33.39	0.00	682.80
MW-27	716.19	5/10/2021	ND	32.52	0.00	683.67
MW-27	716.19	5/18/2021	ND	33.50	0.00	682.69
MW-27	716.19	5/26/2021	ND	33.58	0.00	682.61
MW-27	716.19	5/31/2021	ND	33.79	0.00	682.40
MW-27	716.19	6/7/2021	ND	34.00	0.00	682.19
MW-27	716.19	6/14/2021	ND	34.08	0.00	682.11
MW-27	716.19	6/21/2021	ND	34.19	0.00	682.00
MW-27	716.19	7/1/2021	ND	34.35	0.00	681.84
MW-27	716.19	7/6/2021	ND	34.54	0.00	681.65
MW-27	716.19	7/14/2021	ND	34.56	0.00	681.63
MW-27	716.19	7/28/2021	ND	35.06	0.00	681.13
MW-27	716.19	8/2/2021	ND	35.33	0.00	680.86
MW-27	716.19	8/16/2021	ND	35.86	0.00	680.33
MW-27	716.19	8/26/2021	ND	36.30	0.00	679.89
MW-27	716.19	8/30/2021	ND	36.60	0.00	679.59
MW-27	716.19	9/14/2021	ND	37.38	0.00	678.81
MW-27	716.19	9/23/2021	ND	37.69	0.00	678.50
MW-27	716.19	10/6/2021	ND	38.50	0.00	677.69
MW-27	716.19	10/12/2021	ND	38.83	0.00	677.36
MW-27	716.19	10/18/2021	ND	39.09	0.00	677.10
MW-27	716.19	10/27/2021	ND	39.20	0.00	676.99
MW-27	716.19	11/1/2021	ND	39.43	0.00	676.76
MW-27	716.19	11/15/2021	ND	40.56	0.00	675.63
MW-28	720.45	9/14/2020	ND	29.37	0.00	691.08
MW-28	720.45	9/18/2020	ND	29.34	0.00	691.11
MW-28	720.45	9/28/2020	ND	29.32	0.00	691.13
MW-28	720.45	10/3/2020	ND	29.36	0.00	691.09
MW-28	720.45	10/19/2020	ND	29.33	0.00	691.12
MW-28	720.45	10/26/2020	ND	29.29	0.00	691.16
MW-28	720.45	11/9/2020	ND	29.25	0.00	691.20
MW-28	720.45	11/18/2020	ND	29.22	0.00	691.23
MW-28	720.45	11/23/2020	ND	29.19	0.00	691.26
MW-28	720.45	12/7/2020	ND	29.09	0.00	691.36
MW-28	720.45	12/21/2020	ND	29.03	0.00	691.42
MW-28	720.45	12/26/2020	ND	29.09	0.00	691.36
MW-28	720.45	1/10/2021	ND	29.02	0.00	691.43
MW-28	720.45	1/19/2021	ND	28.90	0.00	691.55

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-28	720.45	1/25/2021	ND	28.84	0.00	691.61
MW-28	720.45	2/1/2021	ND	28.85	0.00	691.60
MW-28	720.45	2/8/2021	ND	28.91	0.00	691.54
MW-28	720.45	2/16/2021	ND	28.82	0.00	691.63
MW-28	720.45	2/22/2021	ND	28.76	0.00	691.69
MW-28	720.45	3/4/2021	ND	28.66	0.00	691.79
MW-28	720.45	3/8/2021	ND	28.70	0.00	691.75
MW-28	720.45	3/15/2021	ND	28.59	0.00	691.86
MW-28	720.45	3/22/2021	ND	28.51	0.00	691.94
MW-28	720.45	4/1/2021	ND	28.36	0.00	692.09
MW-28	720.45	4/12/2021	ND	28.18	0.00	692.27
MW-28	720.45	4/19/2021	ND	28.08	0.00	692.37
MW-28	720.45	4/29/2021	ND	27.97	0.00	692.48
MW-28	720.45	5/3/2021	ND	27.89	0.00	692.56
MW-28	720.45	5/10/2021	ND	27.87	0.00	692.58
MW-28	720.45	5/18/2021	ND	27.28	0.00	693.17
MW-28	720.45	5/26/2021	ND	27.87	0.00	692.58
MW-28	720.45	5/31/2021	ND	27.97	0.00	692.48
MW-28	720.45	6/7/2021	ND	27.97	0.00	692.48
MW-28	720.45	6/14/2021	ND	27.97	0.00	692.48
MW-28	720.45	6/21/2021	ND	26.07	0.00	694.38
MW-28	720.45	7/1/2021	ND	28.20	0.00	692.25
MW-28	720.45	7/6/2021	ND	28.29	0.00	692.16
MW-28	720.45	7/14/2021	ND	28.46	0.00	691.99
MW-28	720.45	7/28/2021	ND	28.56	0.00	691.89
MW-28	720.45	8/2/2021	ND	28.68	0.00	691.77
MW-28	720.45	8/16/2021	ND	28.89	0.00	691.56
MW-28	720.45	8/26/2021	ND	29.04	0.00	691.41
MW-28	720.45	8/30/2021	ND	29.05	0.00	691.40
MW-28	720.45	9/14/2021	ND	29.34	0.00	691.11
MW-28	720.45	9/23/2021	ND	29.51	0.00	690.94
MW-28	720.45	10/6/2021	ND	29.74	0.00	690.71
MW-28	720.45	10/12/2021	ND	29.88	0.00	690.57
MW-28	720.45	10/18/2021	ND	30.02	0.00	690.43
MW-28	720.45	10/27/2021	ND	30.18	0.00	690.27
MW-28	720.45	11/1/2021	ND	30.29	0.00	690.16
MW-28	720.45	11/15/2021	ND	30.53	0.00	689.92
MW-29	718.73	9/14/2020	ND	29.71	0.00	689.02
MW-29	718.73	9/18/2020	ND	29.79	0.00	688.94
MW-29	718.73	9/28/2020	ND	29.86	0.00	688.87
MW-29	718.73	10/3/2020	ND	30.00	0.00	688.73

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-29	718.73	10/19/2020	ND	30.10	0.00	688.63
MW-29	718.73	10/26/2020	ND	30.11	0.00	688.62
MW-29	718.73	11/9/2020	ND	30.07	0.00	688.66
MW-29	718.73	11/18/2020	ND	30.12	0.00	688.61
MW-29	718.73	11/23/2020	ND	30.05	0.00	688.68
MW-29	718.73	12/7/2020	ND	29.85	0.00	688.88
MW-29	718.73	12/21/2020	ND	29.91	0.00	688.82
MW-29	718.73	12/26/2020	ND	29.94	0.00	688.79
MW-29	718.73	1/10/2021	ND	29.87	0.00	688.86
MW-29	718.73	1/19/2021	ND	29.92	0.00	688.81
MW-29	718.73	1/25/2021	ND	29.84	0.00	688.89
MW-29	718.73	2/1/2021	ND	29.81	0.00	688.92
MW-29	718.73	2/8/2021	ND	30.09	0.00	688.64
MW-29	718.73	2/16/2021	ND	29.82	0.00	688.91
MW-29	718.73	2/22/2021	ND	29.68	0.00	689.05
MW-29	718.73	3/4/2021	ND	29.42	0.00	689.31
MW-29	718.73	3/8/2021	ND	29.59	0.00	689.14
MW-29	718.73	3/15/2021	ND	29.49	0.00	689.24
MW-29	718.73	3/22/2021	ND	29.39	0.00	689.34
MW-29	718.73	4/1/2021	ND	29.22	0.00	689.51
MW-29	718.73	4/12/2021	ND	28.98	0.00	689.75
MW-29	718.73	4/19/2021	ND	28.97	0.00	689.76
MW-29	718.73	4/29/2021	ND	28.96	0.00	689.77
MW-29	718.73	5/3/2021	ND	28.94	0.00	689.79
MW-29	718.73	5/10/2021	ND	29.09	0.00	689.64
MW-29	718.73	5/18/2021	ND	29.12	0.00	689.61
MW-29	718.73	5/26/2021	ND	29.14	0.00	689.59
MW-29	718.73	5/31/2021	ND	29.34	0.00	689.39
MW-29	718.73	6/7/2021	ND	29.42	0.00	689.31
MW-29	718.73	6/14/2021	ND	29.51	0.00	689.22
MW-29	718.73	6/21/2021	ND	29.68	0.00	689.05
MW-29	718.73	7/1/2021	ND	29.83	0.00	688.90
MW-29	718.73	7/6/2021	ND	30.11	0.00	688.62
MW-29	718.73	7/14/2021	ND	30.24	0.00	688.49
MW-29	718.73	7/28/2021	ND	30.86	0.00	687.87
MW-29	718.73	8/2/2021	ND	31.23	0.00	687.50
MW-29	718.73	8/16/2021	ND	31.60	0.00	687.13
MW-29	718.73	8/26/2021	ND	31.84	0.00	686.89
MW-29	718.73	8/30/2021	ND	32.09	0.00	686.64
MW-29	718.73	9/14/2021	32.45	32.96	0.51	686.14

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-29	718.73	9/16/2021	32.06	32.96	0.90	686.43
MW-29	718.73	9/23/2021	33.35	34.37	1.02	685.11
MW-29	718.73	10/6/2021	ARP	ARP	ARP	ARP
MW-29	718.73	10/12/2021	ARP	ARP	ARP	ARP
MW-29	718.73	10/18/2021	ARP	ARP	ARP	ARP
MW-29	718.73	10/27/2021	34.55	35.19	0.64	684.01
MW-29	718.73	11/1/2021	ARP	ARP	ARP	ARP
MW-30	715.08	9/14/2020	ND	30.59	0.00	684.49
MW-30	715.08	9/18/2020	ND	30.59	0.00	684.49
MW-30	715.08	9/28/2020	ND	30.50	0.00	684.58
MW-30	715.08	10/3/2020	ND	30.54	0.00	684.54
MW-30	715.08	10/19/2020	ND	30.32	0.00	684.76
MW-30	715.08	10/26/2020	ND	30.21	0.00	684.87
MW-30	715.08	11/9/2020	ND	30.02	0.00	685.06
MW-30	715.08	11/18/2020	ND	29.94	0.00	685.14
MW-30	715.08	11/23/2020	ND	29.89	0.00	685.19
MW-30	715.08	12/7/2020	ND	29.57	0.00	685.51
MW-30	715.08	12/21/2020	ND	29.43	0.00	685.65
MW-30	715.08	12/26/2020	ND	29.42	0.00	685.66
MW-30	715.08	1/10/2021	ND	29.13	0.00	685.95
MW-30	715.08	1/19/2021	ND	29.00	0.00	686.08
MW-30	715.08	1/25/2021	ND	28.83	0.00	686.25
MW-30	715.08	2/1/2021	ND	28.73	0.00	686.35
MW-30	715.08	2/8/2021	ND	28.82	0.00	686.26
MW-30	715.08	2/16/2021	ND	28.54	0.00	686.54
MW-30	715.08	2/22/2021	ND	28.30	0.00	686.78
MW-30	715.08	3/4/2021	ND	28.05	0.00	687.03
MW-30	715.08	3/8/2021	ND	28.18	0.00	686.90
MW-30	715.08	3/15/2021	ND	28.03	0.00	687.05
MW-30	715.08	3/22/2021	ND	27.86	0.00	687.22
MW-30	715.08	4/1/2021	ND	27.62	0.00	687.46
MW-30	715.08	4/12/2021	ND	27.25	0.00	687.83
MW-30	715.08	4/19/2021	ND	27.25	0.00	687.83
MW-30	715.08	4/29/2021	ND	27.22	0.00	687.86
MW-30	715.08	5/3/2021	ND	27.23	0.00	687.85
MW-30	715.08	5/10/2021	ND	27.31	0.00	687.77
MW-30	715.08	5/18/2021	ND	27.53	0.00	687.55
MW-30	715.08	5/26/2021	ND	27.68	0.00	687.40
MW-30	715.08	5/31/2021	ND	27.94	0.00	687.14
MW-30	715.08	6/7/2021	ND	28.04	0.00	687.04
MW-30	715.08	6/14/2021	ND	28.16	0.00	686.92

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-30	715.08	6/21/2021	ND	28.35	0.00	686.73
MW-30	715.08	7/1/2021	ND	28.57	0.00	686.51
MW-30	715.08	7/6/2021	ND	28.78	0.00	686.30
MW-30	715.08	7/14/2021	ND	28.94	0.00	686.14
MW-30	715.08	7/28/2021	ND	29.25	0.00	685.83
MW-30	715.08	8/2/2021	ND	29.45	0.00	685.63
MW-30	715.08	8/16/2021	ND	29.85	0.00	685.23
MW-30	715.08	8/26/2021	ND	30.11	0.00	684.97
MW-30	715.08	8/30/2021	ND	30.23	0.00	684.85
MW-30	715.08	9/14/2021	ND	30.68	0.00	684.40
MW-30	715.08	9/23/2021	ND	31.04	0.00	684.04
MW-30	715.08	10/6/2021	ND	31.40	0.00	683.68
MW-30	715.08	10/12/2021	ND	31.60	0.00	683.48
MW-30	715.08	10/18/2021	ND	31.84	0.00	683.24
MW-30	715.08	10/27/2021	ND	32.12	0.00	682.96
MW-30	715.08	11/1/2021	ND	32.30	0.00	682.78
MW-30	715.08	11/15/2021	ND	32.70	0.00	682.38
MW-31	721.45	9/14/2020	ND	26.39	0.00	695.06
MW-31	721.45	9/18/2020	ND	27.69	0.00	693.76
MW-31	721.45	9/28/2020	ND	27.64	0.00	693.81
MW-31	721.45	10/3/2020	ND	27.69	0.00	693.76
MW-31	721.45	10/19/2020	ND	27.62	0.00	693.83
MW-31	721.45	10/21/2020	ND	29.62	0.00	691.83
MW-31	721.45	10/26/2020	ND	27.61	0.00	693.84
MW-31	721.45	11/9/2020	ND	27.61	0.00	693.84
MW-31	721.45	11/18/2020	ND	27.61	0.00	693.84
MW-31	721.45	11/23/2020	ND	27.56	0.00	693.89
MW-31	721.45	12/7/2020	ND	27.49	0.00	693.96
MW-31	721.45	12/21/2020	ND	27.53	0.00	693.92
MW-31	721.45	12/26/2020	ND	27.61	0.00	693.84
MW-31	721.45	1/10/2021	ND	27.58	0.00	693.87
MW-31	721.45	1/19/2021	ND	27.54	0.00	693.91
MW-31	721.45	1/25/2021	ND	27.40	0.00	694.05
MW-31	721.45	2/1/2021	ND	27.43	0.00	694.02
MW-31	721.45	2/8/2021	ND	27.52	0.00	693.93
MW-31	721.45	2/16/2021	ND	27.44	0.00	694.01
MW-31	721.45	2/22/2021	ND	27.34	0.00	694.11
MW-31	721.45	3/4/2021	ND	27.28	0.00	694.17
MW-31	721.45	3/8/2021	ND	27.34	0.00	694.11
MW-31	721.45	3/15/2021	ND	27.28	0.00	694.17
MW-31	721.45	3/22/2021	ND	27.24	0.00	694.21

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-31	721.45	4/1/2021	ND	27.11	0.00	694.34
MW-31	721.45	4/12/2021	ND	26.97	0.00	694.48
MW-31	721.45	4/19/2021	ND	27.91	0.00	693.54
MW-31	721.45	4/29/2021	ND	26.85	0.00	694.60
MW-31	721.45	5/3/2021	ND	26.84	0.00	694.61
MW-31	721.45	5/10/2021	ND	26.83	0.00	694.62
MW-31	721.45	5/18/2021	ND	26.88	0.00	694.57
MW-31	721.45	5/26/2021	ND	26.85	0.00	694.60
MW-31	721.45	5/31/2021	ND	26.94	0.00	694.51
MW-31	721.45	6/7/2021	ND	26.90	0.00	694.55
MW-31	721.45	6/14/2021	ND	26.92	0.00	694.53
MW-31	721.45	6/21/2021	ND	26.95	0.00	694.50
MW-31	721.45	7/1/2021	ND	26.98	0.00	694.47
MW-31	721.45	7/6/2021	ND	27.06	0.00	694.39
MW-31	721.45	7/14/2021	ND	27.16	0.00	694.29
MW-31	721.45	7/28/2021	ND	27.09	0.00	694.36
MW-31	721.45	8/2/2021	ND	27.17	0.00	694.28
MW-31	721.45	8/16/2021	ND	27.24	0.00	694.21
MW-31	721.45	8/26/2021	ND	27.11	0.00	694.34
MW-31	721.45	8/30/2021	ND	27.15	0.00	694.30
MW-31	721.45	9/14/2021	ND	27.39	0.00	694.06
MW-31	721.45	9/23/2021	ND	27.58	0.00	693.87
MW-31	721.45	10/6/2021	ND	27.69	0.00	693.76
MW-31	721.45	10/12/2021	ND	27.81	0.00	693.64
MW-31	721.45	10/18/2021	ND	27.93	0.00	693.52
MW-31	721.45	10/27/2021	ND	28.08	0.00	693.37
MW-31	721.45	11/1/2021	ND	28.18	0.00	693.27
MW-31	721.45	11/15/2021	ND	28.41	0.00	693.04
MW-32	691.78	9/14/2020	ND	16.19	0.00	675.59
MW-32	691.78	9/18/2020	ND	16.06	0.00	675.72
MW-32	691.78	9/28/2020	ND	15.63	0.00	676.15
MW-32	691.78	10/3/2020	ND	15.73	0.00	676.05
MW-32	691.78	10/19/2020	ND	15.09	0.00	676.69
MW-32	691.78	10/26/2020	ND	14.98	0.00	676.80
MW-32	691.78	11/9/2020	ND	14.57	0.00	677.21
MW-32	691.78	11/18/2020	ND	14.38	0.00	677.40
MW-32	691.78	11/23/2020	ND	14.11	0.00	677.67
MW-32	691.78	12/7/2020	ND	13.60	0.00	678.18
MW-32	691.78	12/21/2020	ND	13.31	0.00	678.47
MW-32	691.78	12/26/2020	ND	13.47	0.00	678.31
MW-32	691.78	1/10/2021	ND	13.21	0.00	678.57

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-32	691.78	1/19/2021	ND	13.16	0.00	678.62
MW-32	691.78	1/25/2021	ND	12.82	0.00	678.96
MW-32	691.78	2/1/2021	ND	12.35	0.00	679.43
MW-32	691.78	2/8/2021	ND	12.72	0.00	679.06
MW-32	691.78	2/16/2021	ND	11.97	0.00	679.81
MW-32	691.78	2/22/2021	ND	11.70	0.00	680.08
MW-32	691.78	3/4/2021	ND	11.47	0.00	680.31
MW-32	691.78	3/8/2021	ND	11.84	0.00	679.94
MW-32	691.78	3/15/2021	ND	11.67	0.00	680.11
MW-32	691.78	3/22/2021	ND	11.22	0.00	680.56
MW-32	691.78	4/1/2021	ND	10.69	0.00	681.09
MW-32	691.78	4/12/2021	ND	10.61	0.00	681.17
MW-32	691.78	4/19/2021	ND	10.83	0.00	680.95
MW-32	691.78	4/29/2021	ND	11.14	0.00	680.64
MW-32	691.78	5/3/2021	ND	11.30	0.00	680.48
MW-32	691.78	5/10/2021	ND	11.65	0.00	680.13
MW-32	691.78	5/18/2021	ND	12.14	0.00	679.64
MW-32	691.78	5/26/2021	ND	12.59	0.00	679.19
MW-32	691.78	5/31/2021	ND	13.08	0.00	678.70
MW-32	691.78	6/7/2021	ND	13.29	0.00	678.49
MW-32	691.78	6/14/2021	ND	13.14	0.00	678.64
MW-32	691.78	6/21/2021	ND	13.45	0.00	678.33
MW-32	691.78	7/1/2021	ND	13.70	0.00	678.08
MW-32	691.78	7/6/2021	ND	14.03	0.00	677.75
MW-32	691.78	7/14/2021	ND	14.30	0.00	677.48
MW-32	691.78	7/28/2021	ND	14.22	0.00	677.56
MW-32	691.78	8/2/2021	ND	14.56	0.00	677.22
MW-32	691.78	8/16/2021	ND	15.14	0.00	676.64
MW-32	691.78	8/26/2021	ND	15.34	0.00	676.44
MW-32	691.78	8/30/2021	ND	15.46	0.00	676.32
MW-32	691.78	9/14/2021	ND	16.21	0.00	675.57
MW-32	691.78	9/23/2021	ND	16.50	0.00	675.28
MW-32	691.78	10/6/2021	ND	17.02	0.00	674.76
MW-32	691.78	10/12/2021	ND	17.10	0.00	674.68
MW-32	691.78	10/18/2021	ND	17.42	0.00	674.36
MW-32	691.78	10/27/2021	ND	17.70	0.00	674.08
MW-32	691.78	11/1/2021	ND	17.82	0.00	673.96
MW-32	691.78	11/15/2021	ND	18.04	0.00	673.74
MW-33	686.70	9/14/2020	ND	13.20	0.00	673.50
MW-33	686.70	9/18/2020	ND	13.03	0.00	673.67
MW-33	686.70	9/28/2020	ND	12.63	0.00	674.07

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-33	686.70	10/3/2020	ND	12.76	0.00	673.94
MW-33	686.70	10/19/2020	ND	12.12	0.00	674.58
MW-33	686.70	10/26/2020	ND	12.03	0.00	674.67
MW-33	686.70	11/9/2020	ND	11.58	0.00	675.12
MW-33	686.70	11/18/2020	ND	11.30	0.00	675.40
MW-33	686.70	11/23/2020	ND	11.13	0.00	675.57
MW-33	686.70	12/7/2020	ND	10.53	0.00	676.17
MW-33	686.70	12/21/2020	ND	10.18	0.00	676.52
MW-33	686.70	12/26/2020	ND	10.23	0.00	676.47
MW-33	686.70	1/10/2021	ND	9.99	0.00	676.71
MW-33	686.70	1/19/2021	ND	10.02	0.00	676.68
MW-33	686.70	1/25/2021	ND	9.77	0.00	676.93
MW-33	686.70	2/1/2021	ND	9.15	0.00	677.55
MW-33	686.70	2/8/2021	ND	9.49	0.00	677.21
MW-33	686.70	2/16/2021	ND	8.61	0.00	678.09
MW-33	686.70	2/22/2021	ND	8.36	0.00	678.34
MW-33	686.70	3/4/2021	ND	8.19	0.00	678.51
MW-33	686.70	3/8/2021	ND	8.65	0.00	678.05
MW-33	686.70	3/15/2021	ND	8.62	0.00	678.08
MW-33	686.70	3/22/2021	ND	8.00	0.00	678.70
MW-33	686.70	4/1/2021	ND	7.40	0.00	679.30
MW-33	686.70	4/12/2021	ND	7.66	0.00	679.04
MW-33	686.70	4/19/2021	ND	8.03	0.00	678.67
MW-33	686.70	4/29/2021	ND	8.42	0.00	678.28
MW-33	686.70	5/3/2021	ND	8.61	0.00	678.09
MW-33	686.70	5/10/2021	ND	8.98	0.00	677.72
MW-33	686.70	5/18/2021	ND	9.45	0.00	677.25
MW-33	686.70	5/26/2021	ND	10.04	0.00	676.66
MW-33	686.70	5/31/2021	ND	10.53	0.00	676.17
MW-33	686.70	6/7/2021	ND	10.66	0.00	676.04
MW-33	686.70	6/14/2021	ND	10.51	0.00	676.19
MW-33	686.70	6/21/2021	ND	10.80	0.00	675.90
MW-33	686.70	7/1/2021	ND	11.15	0.00	675.55
MW-33	686.70	7/6/2021	ND	11.51	0.00	675.19
MW-33	686.70	7/14/2021	ND	11.90	0.00	674.80
MW-33	686.70	7/28/2021	ND	11.62	0.00	675.08
MW-33	686.70	8/2/2021	ND	12.03	0.00	674.67
MW-33	686.70	8/16/2021	ND	12.59	0.00	674.11
MW-33	686.70	8/26/2021	ND	12.78	0.00	673.92
MW-33	686.70	8/30/2021	ND	13.03	0.00	673.67
MW-33	686.70	9/14/2021	ND	14.06	0.00	672.64

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-33	686.70	9/23/2021	ND	13.98	0.00	672.72
MW-33	686.70	10/6/2021	ND	14.64	0.00	672.06
MW-33	686.70	10/12/2021	ND	14.55	0.00	672.15
MW-33	686.70	10/18/2021	ND	14.92	0.00	671.78
MW-33	686.70	10/27/2021	ND	15.19	0.00	671.51
MW-33	686.70	11/1/2021	ND	15.21	0.00	671.49
MW-33	686.70	11/15/2021	ND	15.27	0.00	671.43
MW-34	683.89	9/14/2020	ND	10.89	0.00	673.00
MW-34	683.89	9/18/2020	ND	10.60	0.00	673.29
MW-34	683.89	9/28/2020	ND	10.25	0.00	673.64
MW-34	683.89	10/3/2020	ND	10.47	0.00	673.42
MW-34	683.89	10/19/2020	ND	9.77	0.00	674.12
MW-34	683.89	10/21/2020	ND	11.77	0.00	672.12
MW-34	683.89	10/26/2020	ND	9.70	0.00	674.19
MW-34	683.89	11/9/2020	ND	9.18	0.00	674.71
MW-34	683.89	11/18/2020	ND	8.93	0.00	674.96
MW-34	683.89	11/23/2020	ND	8.75	0.00	675.14
MW-34	683.89	12/7/2020	ND	8.10	0.00	675.79
MW-34	683.89	12/21/2020	ND	7.74	0.00	676.15
MW-34	683.89	12/26/2020	ND	7.80	0.00	676.09
MW-34	683.89	1/10/2021	ND	7.61	0.00	676.28
MW-34	683.89	1/19/2021	ND	7.69	0.00	676.20
MW-34	683.89	1/25/2021	ND	7.44	0.00	676.45
MW-34	683.89	2/1/2021	ND	6.71	0.00	677.18
MW-34	683.89	2/8/2021	ND	7.06	0.00	676.83
MW-34	683.89	2/16/2021	ND	6.17	0.00	677.72
MW-34	683.89	2/22/2021	ND	5.95	0.00	677.94
MW-34	683.89	3/4/2021	ND	5.85	0.00	678.04
MW-34	683.89	3/8/2021	ND	6.32	0.00	677.57
MW-34	683.89	3/15/2021	ND	6.32	0.00	677.57
MW-34	683.89	3/22/2021	ND	5.63	0.00	678.26
MW-34	683.89	4/1/2021	ND	5.04	0.00	678.85
MW-34	683.89	4/12/2021	ND	5.39	0.00	678.50
MW-34	683.89	4/19/2021	ND	5.75	0.00	678.14
MW-34	683.89	4/29/2021	ND	6.20	0.00	677.69
MW-34	683.89	5/3/2021	ND	6.34	0.00	677.55
MW-34	683.89	5/10/2021	ND	6.77	0.00	677.12
MW-34	683.89	5/18/2021	ND	7.24	0.00	676.65
MW-34	683.89	5/26/2021	ND	7.88	0.00	676.01
MW-34	683.89	5/31/2021	ND	8.31	0.00	675.58
MW-34	683.89	6/7/2021	ND	8.46	0.00	675.43

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-34	683.89	6/14/2021	ND	8.24	0.00	675.65
MW-34	683.89	6/21/2021	ND	8.53	0.00	675.36
MW-34	683.89	7/1/2021	ND	8.96	0.00	674.93
MW-34	683.89	7/6/2021	ND	9.27	0.00	674.62
MW-34	683.89	7/14/2021	ND	9.82	0.00	674.07
MW-34	683.89	7/28/2021	ND	9.37	0.00	674.52
MW-34	683.89	8/2/2021	ND	9.87	0.00	674.02
MW-34	683.89	8/16/2021	ND	10.34	0.00	673.55
MW-34	683.89	8/26/2021	ND	10.55	0.00	673.34
MW-34	683.89	8/30/2021	ND	10.91	0.00	672.98
MW-34	683.89	9/14/2021	ND	11.97	0.00	671.92
MW-34	683.89	9/23/2021	ND	11.70	0.00	672.19
MW-34	683.89	10/6/2021	ND	12.41	0.00	671.48
MW-34	683.89	10/12/2021	ND	12.23	0.00	671.66
MW-34	683.89	10/18/2021	ND	12.65	0.00	671.24
MW-34	683.89	10/27/2021	ND	12.88	0.00	671.01
MW-34	683.89	11/1/2021	ND	12.87	0.00	671.02
MW-34	683.89	11/15/2021	ND	12.93	0.00	670.96
MW-35	707.14	9/14/2020	ND	26.78	0.00	680.36
MW-35	707.14	9/18/2020	ND	26.78	0.00	680.36
MW-35	707.14	9/28/2020	ND	26.52	0.00	680.62
MW-35	707.14	10/3/2020	ND	26.48	0.00	680.66
MW-35	707.14	10/19/2020	ND	25.90	0.00	681.24
MW-35	707.14	10/26/2020	ND	25.76	0.00	681.38
MW-35	707.14	11/9/2020	ND	25.48	0.00	681.66
MW-35	707.14	11/18/2020	ND	25.11	0.00	682.03
MW-35	707.14	11/23/2020	ND	25.00	0.00	682.14
MW-35	707.14	12/7/2020	ND	24.62	0.00	682.52
MW-35	707.14	12/21/2020	ND	24.35	0.00	682.79
MW-35	707.14	12/26/2020	ND	24.15	0.00	682.99
MW-35	707.14	1/10/2021	ND	23.81	0.00	683.33
MW-35	707.14	1/19/2021	ND	23.70	0.00	683.44
MW-35	707.14	1/25/2021	ND	23.54	0.00	683.60
MW-35	707.14	2/1/2021	ND	23.32	0.00	683.82
MW-35	707.14	2/8/2021	ND	23.25	0.00	683.89
MW-35	707.14	2/16/2021	ND	22.71	0.00	684.43
MW-35	707.14	2/22/2021	ND	22.16	0.00	684.98
MW-35	707.14	3/4/2021	ND	21.80	0.00	685.34
MW-35	707.14	3/8/2021	ND	21.96	0.00	685.18
MW-35	707.14	3/15/2021	ND	21.98	0.00	685.16
MW-35	707.14	3/22/2021	ND	21.55	0.00	685.59

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-35	707.14	4/1/2021	ND	20.83	0.00	686.31
MW-35	707.14	4/12/2021	ND	20.75	0.00	686.39
MW-35	707.14	4/19/2021	ND	21.08	0.00	686.06
MW-35	707.14	4/29/2021	ND	21.53	0.00	685.61
MW-35	707.14	5/3/2021	ND	21.68	0.00	685.46
MW-35	707.14	5/10/2021	ND	22.05	0.00	685.09
MW-35	707.14	5/18/2021	ND	22.42	0.00	684.72
MW-35	707.14	5/26/2021	ND	22.79	0.00	684.35
MW-35	707.14	5/31/2021	ND	23.13	0.00	684.01
MW-35	707.14	6/7/2021	ND	23.43	0.00	683.71
MW-35	707.14	6/14/2021	ND	23.64	0.00	683.50
MW-35	707.14	6/21/2021	ND	23.95	0.00	683.19
MW-35	707.14	7/1/2021	ND	24.30	0.00	682.84
MW-35	707.14	7/6/2021	ND	24.51	0.00	682.63
MW-35	707.14	7/14/2021	ND	24.76	0.00	682.38
MW-35	707.14	7/28/2021	ND	25.09	0.00	682.05
MW-35	707.14	8/2/2021	ND	25.34	0.00	681.80
MW-35	707.14	8/16/2021	ND	25.96	0.00	681.18
MW-35	707.14	8/26/2021	ND	26.30	0.00	680.84
MW-35	707.14	8/30/2021	ND	26.48	0.00	680.66
MW-35	707.14	9/14/2021	ND	27.19	0.00	679.95
MW-35	707.14	9/23/2021	ND	27.62	0.00	679.52
MW-35	707.14	10/6/2021	ND	28.14	0.00	679.00
MW-35	707.14	10/12/2021	ND	28.41	0.00	678.73
MW-35	707.14	10/18/2021	ND	28.71	0.00	678.43
MW-35	707.14	10/27/2021	ND	29.03	0.00	678.11
MW-35	707.14	11/1/2021	ND	29.21	0.00	677.93
MW-35	707.14	11/15/2021	ND	29.75	0.00	677.39
MW-36	710.54	9/14/2020	ND	28.62	0.00	681.92
MW-36	710.54	9/18/2020	ND	28.61	0.00	681.93
MW-36	710.54	9/28/2020	ND	28.35	0.00	682.19
MW-36	710.54	10/3/2020	ND	28.31	0.00	682.23
MW-36	710.54	10/19/2020	ND	27.73	0.00	682.81
MW-36	710.54	10/26/2020	ND	27.64	0.00	682.90
MW-36	710.54	11/9/2020	ND	27.44	0.00	683.10
MW-36	710.54	11/18/2020	ND	27.05	0.00	683.49
MW-36	710.54	11/23/2020	ND	26.92	0.00	683.62
MW-36	710.54	12/7/2020	ND	26.57	0.00	683.97
MW-36	710.54	12/21/2020	ND	26.29	0.00	684.25
MW-36	710.54	12/26/2020	ND	26.13	0.00	684.41
MW-36	710.54	1/10/2021	ND	25.82	0.00	684.72

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-36	710.54	1/19/2021	ND	25.68	0.00	684.86
MW-36	710.54	1/25/2021	ND	25.56	0.00	684.98
MW-36	710.54	2/1/2021	ND	25.31	0.00	685.23
MW-36	710.54	2/8/2021	ND	25.21	0.00	685.33
MW-36	710.54	2/16/2021	ND	24.60	0.00	685.94
MW-36	710.54	2/22/2021	ND	23.99	0.00	686.55
MW-36	710.54	3/4/2021	ND	23.70	0.00	686.84
MW-36	710.54	3/8/2021	ND	23.93	0.00	686.61
MW-36	710.54	3/11/2021	ND	23.94	0.00	686.60
MW-36	710.54	3/15/2021	ND	23.99	0.00	686.55
MW-36	710.54	3/22/2021	ND	23.46	0.00	687.08
MW-36	710.54	4/1/2021	ND	22.66	0.00	687.88
MW-36	710.54	4/12/2021	ND	22.85	0.00	687.69
MW-36	710.54	4/19/2021	ND	23.27	0.00	687.27
MW-36	710.54	4/29/2021	ND	23.87	0.00	686.67
MW-36	710.54	5/3/2021	ND	24.04	0.00	686.50
MW-36	710.54	5/10/2021	ND	24.45	0.00	686.09
MW-36	710.54	5/18/2021	ND	24.81	0.00	685.73
MW-36	710.54	5/26/2021	ND	25.09	0.00	685.45
MW-36	710.54	5/31/2021	ND	25.45	0.00	685.09
MW-36	710.54	6/7/2021	ND	25.75	0.00	684.79
MW-36	710.54	6/14/2021	ND	25.97	0.00	684.57
MW-36	710.54	6/21/2021	ND	26.29	0.00	684.25
MW-36	710.54	7/1/2021	ND	26.58	0.00	683.96
MW-36	710.54	7/6/2021	ND	26.79	0.00	683.75
MW-36	710.54	7/14/2021	ND	27.00	0.00	683.54
MW-36	710.54	7/28/2021	ND	21.79	0.00	688.75
MW-36	710.54	8/2/2021	ND	27.72	0.00	682.82
MW-36	710.54	8/16/2021	ND	28.35	0.00	682.19
MW-36	710.54	8/26/2021	ND	28.69	0.00	681.85
MW-36	710.54	8/30/2021	ND	28.94	0.00	681.60
MW-36	710.54	9/14/2021	ND	29.69	0.00	680.85
MW-36	710.54	9/23/2021	ND	30.04	0.00	680.50
MW-36	710.54	10/6/2021	ND	30.72	0.00	679.82
MW-36	710.54	10/12/2021	ND	31.04	0.00	679.50
MW-36	710.54	10/18/2021	ND	31.35	0.00	679.19
MW-36	710.54	10/27/2021	ND	31.55	0.00	678.99
MW-36	710.54	11/1/2021	ND	31.75	0.00	678.79
MW-36	710.54	11/15/2021	ND	32.54	0.00	678.00
MW-37	714.94	9/14/2020	ND	26.90	0.00	688.04
MW-37	714.94	9/18/2020	ND	26.92	0.00	688.02

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-37	714.94	9/28/2020	ND	26.99	0.00	687.95
MW-37	714.94	10/3/2020	ND	27.14	0.00	687.80
MW-37	714.94	10/19/2020	ND	27.18	0.00	687.76
MW-37	714.94	10/26/2020	ND	27.21	0.00	687.73
MW-37	714.94	11/9/2020	ND	27.16	0.00	687.78
MW-37	714.94	11/18/2020	ND	27.18	0.00	687.76
MW-37	714.94	11/23/2020	ND	27.12	0.00	687.82
MW-37	714.94	12/7/2020	ND	26.90	0.00	688.04
MW-37	714.94	12/21/2020	ND	26.85	0.00	688.09
MW-37	714.94	12/26/2020	ND	26.89	0.00	688.05
MW-37	714.94	1/10/2021	ND	26.69	0.00	688.25
MW-37	714.94	1/19/2021	ND	26.61	0.00	688.33
MW-37	714.94	1/25/2021	26.38	26.60	0.22	688.50
MW-37	714.94	2/1/2021	26.08	26.99	0.91	688.62
MW-37	714.94	2/8/2021	25.74	28.73	2.99	688.40
MW-37	714.94	2/16/2021	24.25	31.24	6.99	688.82
MW-37	710.54	2/22/2021	ND	26.35	0.00	684.19
MW-37	710.54	3/4/2021	ARP	ARP	ARP	ARP
MW-37	710.54	3/8/2021	ARP	ARP	ARP	ARP
MW-37	710.54	3/15/2021	ARP	ARP	ARP	ARP
MW-37	710.54	3/22/2021	ARP	ARP	ARP	ARP
MW-37	710.54	4/1/2021	24.38	25.77	1.39	685.79
MW-37	714.37	4/12/2021	ARP	ARP	ARP	ARP
MW-37	714.37	4/19/2021	ARP	ARP	ARP	ARP
MW-37	714.37	4/29/2021	24.44	25.77	1.33	689.57
MW-37	714.37	5/3/2021	ARP	ARP	ARP	ARP
MW-37	714.37	5/10/2021	ARP	ARP	ARP	ARP
MW-37	714.37	5/18/2021	ARP	ARP	ARP	ARP
MW-37	714.37	5/26/2021	25.14	26.43	1.29	688.88
MW-37	714.37	5/31/2021	ARP	ARP	ARP	ARP
MW-37	714.37	6/7/2021	ARP	ARP	ARP	ARP
MW-37	714.37	6/14/2021	ARP	ARP	ARP	ARP
MW-37	714.37	6/21/2021	ARP	ARP	ARP	ARP
MW-37	714.37	7/1/2021	25.99	27.81	1.82	687.89
MW-37	714.37	7/6/2021	ARP	ARP	ARP	ARP
MW-37	714.37	7/14/2021	26.39	28.16	1.77	687.51
MW-37	714.37	7/28/2021	26.84	28.87	2.03	686.99
MW-37	714.37	8/16/2021	ARP	ARP	ARP	ARP
MW-37	714.37	8/26/2021	28.27	30.45	2.18	685.52
MW-37	714.37	8/30/2021	ARP	ARP	ARP	ARP
MW-37	714.37	9/16/2021	28.87	32.57	3.70	684.51

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-37R	714.37	9/23/2021	28.62	31.40	2.78	685.01
MW-37R	714.37	10/6/2021	ARP	ARP	ARP	ARP
MW-37R	714.37	10/12/2021	ARP	ARP	ARP	ARP
MW-37R	714.37	10/18/2021	ARP	ARP	ARP	ARP
MW-37R	714.37	10/27/2021	30.82	33.28	2.46	682.89
MW-37R	714.37	11/1/2021	ARP	ARP	ARP	ARP
MW-38	726.74	9/14/2020	ND	37.56	0.00	689.18
MW-38	726.74	9/18/2020	ND	37.66	0.00	689.08
MW-38	726.74	9/28/2020	ND	37.45	0.00	689.29
MW-38	726.74	10/3/2020	ND	37.55	0.00	689.19
MW-38	726.74	10/19/2020	ND	37.65	0.00	689.09
MW-38	726.74	10/26/2020	ND	37.71	0.00	689.03
MW-38	726.74	11/9/2020	ND	37.80	0.00	688.94
MW-38	726.74	11/18/2020	ND	37.90	0.00	688.84
MW-38	726.74	11/23/2020	ND	37.91	0.00	688.83
MW-38	726.74	12/7/2020	ND	37.87	0.00	688.87
MW-38	726.74	12/21/2020	ND	38.18	0.00	688.56
MW-38	726.74	12/26/2020	ND	38.23	0.00	688.51
MW-38	726.74	1/10/2021	ND	38.54	0.00	688.20
MW-38	726.74	1/19/2021	ND	39.13	0.00	687.61
MW-38	726.74	1/25/2021	ND	39.23	0.00	687.51
MW-38	726.74	2/1/2021	ND	39.28	0.00	687.46
MW-38	726.74	2/8/2021	ND	39.65	0.00	687.09
MW-38	726.74	2/16/2021	ND	39.38	0.00	687.36
MW-38	726.74	2/22/2021	ND	39.31	0.00	687.43
MW-38	726.74	3/4/2021	ND	39.06	0.00	687.68
MW-38	726.74	3/8/2021	ND	39.23	0.00	687.51
MW-38	726.74	3/15/2021	ND	39.27	0.00	687.47
MW-38	726.74	3/22/2021	ND	39.21	0.00	687.53
MW-38	726.74	4/1/2021	ND	39.08	0.00	687.66
MW-38	726.74	4/12/2021	ND	39.10	0.00	687.64
MW-38	726.74	4/19/2021	ND	39.11	0.00	687.63
MW-38	726.74	4/29/2021	ND	39.01	0.00	687.73
MW-38	726.74	5/3/2021	ND	39.16	0.00	687.58
MW-38	726.74	5/10/2021	ND	39.07	0.00	687.67
MW-38	726.74	5/18/2021	ND	39.40	0.00	687.34
MW-38	726.74	5/26/2021	ND	39.11	0.00	687.63
MW-38	726.74	5/31/2021	ND	39.40	0.00	687.34
MW-38	726.74	6/7/2021	ND	39.53	0.00	687.21
MW-38	726.74	6/14/2021	ND	39.69	0.00	687.05
MW-38	726.74	6/21/2021	ND	39.75	0.00	686.99

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-38	726.74	7/1/2021	ND	39.49	0.00	687.25
MW-38	726.74	7/6/2021	ND	39.82	0.00	686.92
MW-38	726.74	7/14/2021	ND	39.95	0.00	686.79
MW-38	726.74	7/28/2021	ND	40.37	0.00	686.37
MW-38	726.74	8/2/2021	ND	41.05	0.00	685.69
MW-38	726.74	8/16/2021	ND	41.30	0.00	685.44
MW-38	726.74	8/26/2021	ND	40.93	0.00	685.81
MW-38	726.74	8/30/2021	ND	41.66	0.00	685.08
MW-38	726.74	9/14/2021	42.01	42.38	0.37	684.63
MW-38	726.74	9/16/2021	41.49	41.96	0.47	685.12
MW-38	726.74	9/23/2021	41.53	42.61	1.08	684.92
MW-38	726.74	10/6/2021	ARP	ARP	ARP	ARP
MW-38	726.74	10/12/2021	ARP	ARP	ARP	ARP
MW-38	726.74	10/18/2021	ARP	ARP	ARP	ARP
MW-38	726.74	10/27/2021	43.05	44.83	1.78	683.21
MW-38	726.74	11/1/2021	ARP	ARP	ARP	ARP
MW-39	738.13	9/14/2020	ND	41.90	0.00	696.23
MW-39	738.13	9/18/2020	ND	38.31	0.00	699.82
MW-39	738.13	9/28/2020	ND	38.33	0.00	699.80
MW-39	738.13	10/3/2020	ND	38.58	0.00	699.55
MW-39	738.13	10/19/2020	38.51	39.71	1.20	699.30
MW-39	738.13	11/9/2020	38.48	39.04	0.56	699.50
MW-39	738.13	11/18/2020	ARP	ARP	ARP	ARP
MW-39	738.13	11/23/2020	37.85	38.95	1.10	699.98
MW-39	738.13	12/7/2020	ARP	ARP	ARP	ARP
MW-39	738.13	12/21/2020	ARP	ARP	ARP	ARP
MW-39	738.13	12/26/2020	30.20	30.31	0.11	707.90
MW-39	738.13	1/10/2021	ARP	ARP	ARP	ARP
MW-39	738.13	1/19/2021	ARP	ARP	ARP	ARP
MW-39	738.13	1/25/2021	ARP	ARP	ARP	ARP
MW-39	738.13	2/1/2021	39.66	39.95	0.29	698.39
MW-39	738.13	2/8/2021	ARP	ARP	ARP	ARP
MW-39	738.13	2/16/2021	ARP	ARP	ARP	ARP
MW-39	738.13	2/22/2021	ARP	ARP	ARP	ARP
MW-39	738.13	3/4/2021	ND	40.02	0.00	698.11
MW-39	738.13	3/8/2021	ARP	ARP	ARP	ARP
MW-39	738.13	3/15/2021	ARP	ARP	ARP	ARP
MW-39	738.13	3/22/2021	ARP	ARP	ARP	ARP
MW-39	733.86	4/1/2021	40.24	40.97	0.73	693.42
MW-39	733.86	4/12/2021	ARP	ARP	ARP	ARP
MW-39	733.86	4/19/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-39	733.86	4/29/2021	40.15	40.18	0.03	693.70
MW-39	733.86	5/3/2021	ARP	ARP	ARP	ARP
MW-39	733.86	5/10/2021	ARP	ARP	ARP	ARP
MW-39	733.86	5/18/2021	ARP	ARP	ARP	ARP
MW-39	733.86	5/26/2021	40.79	40.82	0.03	693.06
MW-39	733.86	5/31/2021	ARP	ARP	ARP	ARP
MW-39	733.86	6/7/2021	ARP	ARP	ARP	ARP
MW-39	733.86	6/14/2021	ARP	ARP	ARP	ARP
MW-39	733.86	6/21/2021	ARP	ARP	ARP	ARP
MW-39	733.86	7/1/2021	41.60	42.15	0.55	692.11
MW-39	733.86	7/6/2021	ARP	ARP	ARP	ARP
MW-39	733.86	7/14/2021	41.95	42.81	0.86	691.68
MW-39	733.86	7/28/2021	42.15	42.50	0.35	691.62
MW-39	733.86	8/16/2021	ARP	ARP	ARP	ARP
MW-39	733.86	8/26/2021	42.88	43.20	0.32	690.89
MW-39	733.86	8/30/2021	ARP	ARP	ARP	ARP
MW-39	733.86	9/16/2021	43.33	43.77	0.44	690.41
MW-39	733.86	9/23/2021	43.39	43.87	0.48	690.34
MW-39	733.86	10/6/2021	ARP	ARP	ARP	ARP
MW-39	733.86	10/12/2021	ARP	ARP	ARP	ARP
MW-39	733.86	10/18/2021	ARP	ARP	ARP	ARP
MW-39	733.86	10/27/2021	44.25	44.63	0.38	689.51
MW-39	733.86	11/1/2021	ARP	ARP	ARP	ARP
MW-40	728.92	9/14/2020	ND	33.25	0.00	695.67
MW-40	728.92	9/18/2020	ND	33.21	0.00	695.71
MW-40	728.92	9/28/2020	ND	33.15	0.00	695.77
MW-40	728.92	10/3/2020	ND	33.22	0.00	695.70
MW-40	728.92	10/19/2020	ND	33.27	0.00	695.65
MW-40	728.92	10/26/2020	ND	33.32	0.00	695.60
MW-40	728.92	10/28/2020	ND	35.32	0.00	693.60
MW-40	728.92	11/9/2020	ND	33.47	0.00	695.45
MW-40	728.92	11/18/2020	Dry	Dry	Dry	Dry
MW-40	728.92	11/23/2020	ND	34.57	0.00	694.35
MW-40	728.92	12/7/2020	ND	33.56	0.00	695.36
MW-40	728.92	12/21/2020	33.70	33.73	0.03	695.21
MW-40	728.92	12/26/2020	ND	33.85	0.00	695.07
MW-40	728.92	1/10/2021	ND	33.95	0.00	694.97
MW-40	728.92	1/19/2021	33.73	34.36	0.63	695.02
MW-40	728.92	1/25/2021	33.61	34.59	0.98	695.05
MW-40	728.92	2/1/2021	33.48	34.99	1.51	695.04
MW-40	728.92	2/8/2021	33.64	35.78	2.14	694.71

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-40	728.92	2/16/2021	33.27	36.12	2.85	694.89
MW-40	728.92	2/22/2021	32.90	37.31	4.41	694.84
MW-40	728.92	3/4/2021	32.26	39.39	7.13	694.75
MW-40	728.92	3/8/2021	32.45	39.64	7.19	694.55
MW-40	728.92	3/11/2021	33.51	39.18	5.67	693.89
MW-40	728.92	3/15/2021	32.43	39.48	7.05	694.60
MW-40	728.92	3/22/2021	32.39	39.42	7.03	694.65
MW-40	728.92	4/1/2021	32.37	39.43	7.06	694.66
MW-40	728.92	4/12/2021	32.12	38.05	5.93	695.21
MW-40	728.92	4/19/2021	32.04	38.90	6.86	695.04
MW-40	728.92	4/29/2021	32.47	37.64	5.17	695.07
MW-40	728.92	5/3/2021	32.52	37.45	4.93	695.08
MW-40	728.92	5/10/2021	33.31	38.25	4.94	694.29
MW-40	728.92	5/18/2021	34.95	37.32	2.37	693.34
MW-40	728.92	5/26/2021	33.59	35.98	2.39	694.69
MW-40	728.92	5/31/2021	35.38	36.37	0.99	693.28
MW-40	728.92	6/7/2021	35.72	36.48	0.76	693.00
MW-40	728.92	6/14/2021	35.76	36.20	0.44	693.04
MW-40	728.92	6/21/2021	33.89	35.23	1.34	694.67
MW-40	728.92	7/1/2021	34.31	35.30	0.99	694.35
MW-40	728.92	7/6/2021	36.24	36.85	0.61	692.52
MW-40	728.92	7/14/2021	34.42	35.84	1.42	694.12
MW-40	728.92	7/28/2021	34.54	35.76	1.22	694.05
MW-40	728.92	8/2/2021	36.50	36.51	0.01	692.42
MW-40	728.92	8/16/2021	36.40	36.53	0.13	692.49
MW-40	728.92	8/26/2021	35.09	36.10	1.01	693.56
MW-40	728.92	8/30/2021	36.53	36.65	0.12	692.36
MW-40	728.92	9/14/2021	36.70	36.85	0.15	692.18
MW-40	728.92	9/16/2021	35.37	36.36	0.99	693.29
MW-40	728.92	9/23/2021	35.44	36.35	0.91	693.24
MW-40	728.92	10/6/2021	36.93	37.11	0.18	691.94
MW-40	728.92	10/12/2021	36.96	37.23	0.27	691.89
MW-40	728.92	10/18/2021	NM	NM	NM	NM
MW-40	728.92	10/27/2021	36.13	36.31	0.18	692.74
MW-40	728.92	11/1/2021	37.17	37.47	0.30	691.67
MW-40	728.92	11/15/2021	37.29	37.94	0.65	691.46
MW-41	745.92	9/14/2020	ND	53.40	0.00	692.52
MW-41	745.92	9/18/2020	ND	53.40	0.00	692.52
MW-41	745.92	9/28/2020	ND	53.36	0.00	692.56
MW-41	745.92	10/3/2020	ND	53.49	0.00	692.43
MW-41	745.92	10/19/2020	ND	53.51	0.00	692.41

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-41	745.92	10/26/2020	ND	53.49	0.00	692.43
MW-41	745.92	11/9/2020	ND	53.53	0.00	692.39
MW-41	745.92	11/18/2020	ND	53.63	0.00	692.29
MW-41	745.92	11/23/2020	ND	53.60	0.00	692.32
MW-41	745.92	12/7/2020	ND	53.54	0.00	692.38
MW-41	745.92	12/21/2020	ND	53.82	0.00	692.10
MW-41	745.92	12/26/2020	ND	53.77	0.00	692.15
MW-41	745.92	1/10/2021	ND	54.28	0.00	691.64
MW-41	745.92	1/19/2021	ND	54.35	0.00	691.57
MW-41	745.92	1/25/2021	ND	54.28	0.00	691.64
MW-41	745.92	2/1/2021	ND	54.22	0.00	691.70
MW-41	745.92	2/8/2021	ND	54.64	0.00	691.28
MW-41	745.92	2/16/2021	ND	54.20	0.00	691.72
MW-41	745.92	2/22/2021	ND	54.11	0.00	691.81
MW-41	745.92	3/4/2021	ND	54.09	0.00	691.83
MW-41	745.92	3/8/2021	ND	54.32	0.00	691.60
MW-41	745.92	3/15/2021	ND	54.50	0.00	691.42
MW-41	745.92	3/22/2021	ND	54.41	0.00	691.51
MW-41	745.92	4/1/2021	ND	54.34	0.00	691.58
MW-41	745.92	4/12/2021	ND	54.51	0.00	691.41
MW-41	745.92	4/19/2021	ND	54.55	0.00	691.37
MW-41	745.92	4/29/2021	ND	54.34	0.00	691.58
MW-41	745.92	5/3/2021	ND	54.40	0.00	691.52
MW-41	745.92	5/10/2021	ND	54.50	0.00	691.42
MW-41	745.92	5/18/2021	ND	54.52	0.00	691.40
MW-41	745.92	5/26/2021	ND	54.38	0.00	691.54
MW-41	745.92	5/31/2021	ND	54.67	0.00	691.25
MW-41	745.92	6/7/2021	ND	54.71	0.00	691.21
MW-41	745.92	6/14/2021	ND	54.43	0.00	691.49
MW-41	745.92	6/21/2021	ND	54.85	0.00	691.07
MW-41	745.92	7/1/2021	ND	54.82	0.00	691.10
MW-41	745.92	7/6/2021	ND	55.18	0.00	690.74
MW-41	745.92	7/14/2021	ND	54.93	0.00	690.99
MW-41	745.92	7/28/2021	ND	55.36	0.00	690.56
MW-41	745.92	8/2/2021	ND	55.61	0.00	690.31
MW-41	745.92	8/16/2021	ND	55.70	0.00	690.22
MW-41	745.92	8/26/2021	ND	55.72	0.00	690.20
MW-41	745.92	8/30/2021	ND	56.09	0.00	689.83
MW-41	745.92	9/14/2021	ND	55.47	0.00	690.45
MW-41	745.92	9/23/2021	ND	56.38	0.00	689.54
MW-41	745.92	10/6/2021	ND	57.10	0.00	688.82

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-41	745.92	10/12/2021	ND	57.11	0.00	688.81
MW-41	745.92	10/18/2021	ND	57.29	0.00	688.63
MW-41	745.92	10/27/2021	ND	57.11	0.00	688.81
MW-41	745.92	11/1/2021	ND	57.41	0.00	688.51
MW-41	745.92	11/15/2021	ND	58.28	0.00	687.64
MW-42	735.71	9/14/2020	ND	41.33	0.00	694.38
MW-42	735.71	9/18/2020	ND	38.15	0.00	697.56
MW-42	735.71	9/28/2020	ND	38.14	0.00	697.57
MW-42	735.71	10/3/2020	ND	38.25	0.00	697.46
MW-42	735.71	10/19/2020	ND	38.31	0.00	697.40
MW-42	735.71	10/26/2020	ND	38.36	0.00	697.35
MW-42	735.71	11/9/2020	ND	38.44	0.00	697.27
MW-42	735.71	11/18/2020	ND	38.57	0.00	697.14
MW-42	735.71	11/23/2020	ND	38.42	0.00	697.29
MW-42	735.71	12/7/2020	ND	38.40	0.00	697.31
MW-42	735.71	12/21/2020	ND	38.50	0.00	697.21
MW-42	735.71	12/26/2020	ND	38.61	0.00	697.10
MW-42	735.71	1/10/2021	ND	38.74	0.00	696.97
MW-42	735.71	1/19/2021	ND	38.71	0.00	697.00
MW-42	735.71	1/25/2021	ND	38.93	0.00	696.78
MW-42	735.71	2/1/2021	ND	38.97	0.00	696.74
MW-42	735.71	2/8/2021	ND	39.26	0.00	696.45
MW-42	735.71	2/16/2021	ND	39.10	0.00	696.61
MW-42	735.71	2/22/2021	ND	39.13	0.00	696.58
MW-42	732.48	3/4/2021	ND	39.05	0.00	693.43
MW-42	732.48	3/8/2021	ND	39.29	0.00	693.19
MW-42	732.48	3/15/2021	ND	39.53	0.00	692.95
MW-42	732.48	3/22/2021	ND	39.61	0.00	692.87
MW-42	732.48	4/1/2021	ND	39.22	0.00	693.26
MW-42	732.48	4/12/2021	ND	38.98	0.00	693.50
MW-42	732.48	4/19/2021	ND	39.00	0.00	693.48
MW-42	732.48	4/29/2021	ND	38.92	0.00	693.56
MW-42	732.48	5/3/2021	ND	38.83	0.00	693.65
MW-42	732.48	5/10/2021	ND	39.17	0.00	693.31
MW-42	732.48	5/18/2021	ND	39.79	0.00	692.69
MW-42	732.48	5/26/2021	ND	39.67	0.00	692.81
MW-42	732.48	5/31/2021	ND	40.29	0.00	692.19
MW-42	732.48	6/7/2021	ND	40.41	0.00	692.07
MW-42	732.48	6/14/2021	ND	40.54	0.00	691.94
MW-42	732.48	6/21/2021	ND	40.62	0.00	691.86
MW-42	732.48	7/1/2021	ND	40.55	0.00	691.93

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-42	732.48	7/6/2021	ND	40.20	0.00	692.28
MW-42	732.48	7/14/2021	ND	41.04	0.00	691.44
MW-42	732.48	7/28/2021	ND	41.52	0.00	690.96
MW-42	732.48	8/2/2021	ND	41.75	0.00	690.73
MW-42	732.48	8/16/2021	ND	41.90	0.00	690.58
MW-42	732.48	8/26/2021	ND	41.74	0.00	690.74
MW-42	732.48	8/30/2021	ND	42.17	0.00	690.31
MW-42	732.48	9/14/2021	ND	42.49	0.00	689.99
MW-42	732.48	9/23/2021	ND	42.29	0.00	690.19
MW-42	732.48	10/6/2021	ND	42.91	0.00	689.57
MW-42	732.48	10/12/2021	ND	43.09	0.00	689.39
MW-42	732.48	10/18/2021	ND	43.23	0.00	689.25
MW-42	732.48	10/27/2021	ND	43.02	0.00	689.46
MW-42	732.48	11/1/2021	ND	43.43	0.00	689.05
MW-42	732.48	11/15/2021	ND	43.61	0.00	688.87
MW-43	729.80	9/14/2020	ND	38.27	0.00	691.53
MW-43	729.80	9/18/2020	ND	38.30	0.00	691.50
MW-43	729.80	9/28/2020	ND	38.33	0.00	691.47
MW-43	729.80	10/3/2020	ND	38.52	0.00	691.28
MW-43	729.80	10/19/2020	ND	38.49	0.00	691.31
MW-43	729.80	10/26/2020	ND	38.52	0.00	691.28
MW-43	729.80	11/9/2020	ND	38.49	0.00	691.31
MW-43	729.80	11/18/2020	ND	38.55	0.00	691.25
MW-43	729.80	11/23/2020	ND	39.51	0.00	690.29
MW-43	729.80	12/7/2020	ND	38.40	0.00	691.40
MW-43	729.80	12/21/2020	ND	38.50	0.00	691.30
MW-43	729.80	12/26/2020	ND	38.58	0.00	691.22
MW-43	729.80	1/10/2021	ND	38.60	0.00	691.20
MW-43	729.80	1/19/2021	ND	38.70	0.00	691.10
MW-43	729.80	1/25/2021	ND	48.67	0.00	681.13
MW-43	729.80	2/1/2021	ND	38.74	0.00	691.06
MW-43	729.80	2/8/2021	ND	39.01	0.00	690.79
MW-43	729.80	2/16/2021	ND	38.84	0.00	690.96
MW-43	729.80	2/22/2021	ND	38.78	0.00	691.02
MW-43	729.80	3/4/2021	ND	38.65	0.00	691.15
MW-43	729.80	3/8/2021	ND	38.84	0.00	690.96
MW-43	729.80	3/15/2021	ND	38.78	0.00	691.02
MW-43	729.80	3/22/2021	ND	38.71	0.00	691.09
MW-43	729.80	4/1/2021	ND	38.61	0.00	691.19
MW-43	729.80	4/12/2021	ND	38.44	0.00	691.36
MW-43	729.80	4/19/2021	ND	38.44	0.00	691.36

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-43	729.80	4/29/2021	ND	38.32	0.00	691.48
MW-43	729.80	5/3/2021	ND	38.23	0.00	691.57
MW-43	729.80	5/10/2021	ND	38.23	0.00	691.57
MW-43	729.80	5/18/2021	ND	38.17	0.00	691.63
MW-43	729.80	5/26/2021	ND	38.10	0.00	691.70
MW-43	729.80	5/31/2021	ND	38.21	0.00	691.59
MW-43	729.80	6/7/2021	ND	28.16	0.00	701.64
MW-43	729.80	6/14/2021	ND	38.20	0.00	691.60
MW-43	729.80	6/21/2021	ND	38.26	0.00	691.54
MW-43	729.80	7/1/2021	ND	38.36	0.00	691.44
MW-43	729.80	7/6/2021	ND	38.56	0.00	691.24
MW-43	729.80	7/14/2021	ND	38.68	0.00	691.12
MW-43	729.80	7/28/2021	ND	38.99	0.00	690.81
MW-43	729.80	8/2/2021	ND	39.08	0.00	690.72
MW-43	729.80	8/16/2021	ND	39.28	0.00	690.52
MW-43	729.80	8/26/2021	ND	39.40	0.00	690.40
MW-43	729.80	8/30/2021	ND	39.46	0.00	690.34
MW-43	729.80	9/14/2021	ND	39.74	0.00	690.06
MW-43	729.80	9/23/2021	ND	39.89	0.00	689.91
MW-43	729.80	10/6/2021	ND	40.13	0.00	689.67
MW-43	729.80	10/12/2021	ND	40.24	0.00	689.56
MW-43	729.80	10/18/2021	ND	40.39	0.00	689.41
MW-43	729.80	10/27/2021	ND	40.49	0.00	689.31
MW-43	729.80	11/1/2021	ND	40.58	0.00	689.22
MW-43	729.80	11/15/2021	ND	40.73	0.00	689.07
MW-44	726.48	9/14/2020	ND	32.40	0.00	694.08
MW-44	726.48	9/18/2020	ND	32.53	0.00	693.95
MW-44	726.48	9/28/2020	ND	32.59	0.00	693.89
MW-44	726.48	10/3/2020	ND	32.64	0.00	693.84
MW-44	726.48	10/19/2020	ND	32.70	0.00	693.78
MW-44	726.48	10/21/2020	ND	34.70	0.00	691.78
MW-44	726.48	10/26/2020	ND	32.62	0.00	693.86
MW-44	726.48	11/9/2020	ND	32.67	0.00	693.81
MW-44	726.48	11/18/2020	ND	32.68	0.00	693.80
MW-44	726.48	11/23/2020	NM	NM	NM	NM
MW-44	726.48	12/7/2020	ND	32.50	0.00	693.98
MW-44	726.48	12/21/2020	ND	32.50	0.00	693.98
MW-44	726.48	12/26/2020	ND	32.50	0.00	693.98
MW-44	726.48	1/10/2021	ND	32.41	0.00	694.07
MW-44	726.48	1/19/2021	ND	32.35	0.00	694.13
MW-44	726.48	1/25/2021	ND	32.25	0.00	694.23

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-44	726.48	2/1/2021	ND	32.18	0.00	694.30
MW-44	726.48	2/8/2021	ND	32.18	0.00	694.30
MW-44	726.48	2/16/2021	ND	32.18	0.00	694.30
MW-44	726.48	2/22/2021	ND	32.10	0.00	694.38
MW-44	726.48	3/4/2021	ND	31.96	0.00	694.52
MW-44	726.48	3/8/2021	ND	32.00	0.00	694.48
MW-44	726.48	3/15/2021	ND	31.88	0.00	694.60
MW-44	726.48	3/22/2021	ND	31.84	0.00	694.64
MW-44	726.48	4/1/2021	ND	31.71	0.00	694.77
MW-44	726.48	4/12/2021	ND	31.47	0.00	695.01
MW-44	726.48	4/19/2021	ND	31.38	0.00	695.10
MW-44	726.48	4/29/2021	ND	31.34	0.00	695.14
MW-44	726.48	5/3/2021	ND	31.29	0.00	695.19
MW-44	726.48	5/10/2021	ND	31.30	0.00	695.18
MW-44	726.48	5/18/2021	ND	31.37	0.00	695.11
MW-44	726.48	5/26/2021	ND	31.37	0.00	695.11
MW-44	726.48	5/31/2021	ND	31.45	0.00	695.03
MW-44	726.48	6/7/2021	ND	31.47	0.00	695.01
MW-44	726.48	6/14/2021	ND	31.53	0.00	694.95
MW-44	726.48	6/21/2021	ND	31.58	0.00	694.90
MW-44	726.48	7/1/2021	ND	31.65	0.00	694.83
MW-44	726.48	7/6/2021	ND	31.73	0.00	694.75
MW-44	726.48	7/14/2021	ND	31.83	0.00	694.65
MW-44	726.48	7/28/2021	ND	31.92	0.00	694.56
MW-44	726.48	8/2/2021	ND	31.99	0.00	694.49
MW-44	726.48	8/16/2021	ND	32.15	0.00	694.33
MW-44	726.48	8/26/2021	ND	32.07	0.00	694.41
MW-44	726.48	8/30/2021	ND	32.17	0.00	694.31
MW-44	726.48	9/14/2021	ND	32.33	0.00	694.15
MW-44	726.48	9/23/2021	ND	32.46	0.00	694.02
MW-44	726.48	10/6/2021	ND	32.61	0.00	693.87
MW-44	726.48	10/12/2021	ND	32.74	0.00	693.74
MW-44	726.48	10/18/2021	ND	32.82	0.00	693.66
MW-44	726.48	10/27/2021	ND	32.98	0.00	693.50
MW-44	726.48	11/1/2021	ND	33.02	0.00	693.46
MW-44	726.48	11/15/2021	ND	32.23	0.00	694.25
MW-45	729.41	9/14/2020	ND	35.28	0.00	694.13
MW-45	729.41	9/18/2020	ND	35.21	0.00	694.20
MW-45	729.41	9/28/2020	ND	35.29	0.00	694.12
MW-45	729.41	10/3/2020	ND	35.40	0.00	694.01
MW-45	729.41	10/19/2020	ND	35.38	0.00	694.03

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-45	729.41	10/26/2020	ND	35.39	0.00	694.02
MW-45	729.41	11/9/2020	ND	35.37	0.00	694.04
MW-45	729.41	11/18/2020	ND	35.41	0.00	694.00
MW-45	729.41	11/23/2020	ND	35.27	0.00	694.14
MW-45	729.41	12/7/2020	ND	35.19	0.00	694.22
MW-45	729.41	12/21/2020	ND	35.24	0.00	694.17
MW-45	729.41	12/26/2020	ND	35.34	0.00	694.07
MW-45	729.41	1/10/2021	ND	35.35	0.00	694.06
MW-45	729.41	1/19/2021	ND	35.34	0.00	694.07
MW-45	729.41	1/25/2021	ND	35.18	0.00	694.23
MW-45	729.41	2/1/2021	ND	35.29	0.00	694.12
MW-45	729.41	2/8/2021	ND	35.59	0.00	693.82
MW-45	729.41	2/16/2021	ND	35.46	0.00	693.95
MW-45	729.41	2/22/2021	ND	35.32	0.00	694.09
MW-45	729.41	3/4/2021	ND	35.29	0.00	694.12
MW-45	729.41	3/8/2021	ND	35.36	0.00	694.05
MW-45	729.41	3/15/2021	ND	35.36	0.00	694.05
MW-45	729.41	3/22/2021	ND	35.32	0.00	694.09
MW-45	729.41	4/1/2021	ND	35.13	0.00	694.28
MW-45	729.41	4/12/2021	ND	34.89	0.00	694.52
MW-45	729.41	4/19/2021	ND	34.85	0.00	694.56
MW-45	729.41	4/29/2021	ND	34.81	0.00	694.60
MW-45	729.41	5/3/2021	ND	34.77	0.00	694.64
MW-45	729.41	5/10/2021	ND	34.98	0.00	694.43
MW-45	729.41	5/18/2021	ND	35.35	0.00	694.06
MW-45	729.41	5/26/2021	ND	35.47	0.00	693.94
MW-45	729.41	5/31/2021	ND	35.78	0.00	693.63
MW-45	729.41	6/7/2021	ND	35.89	0.00	693.52
MW-45	729.41	6/14/2021	ND	36.11	0.00	693.30
MW-45	729.41	6/21/2021	ND	36.10	0.00	693.31
MW-45	729.41	7/1/2021	ND	36.37	0.00	693.04
MW-45	729.41	7/6/2021	ND	36.71	0.00	692.70
MW-45	729.41	7/14/2021	ND	36.86	0.00	692.55
MW-45	729.41	7/28/2021	ND	37.12	0.00	692.29
MW-45	729.41	8/2/2021	ND	37.35	0.00	692.06
MW-45	729.41	8/16/2021	ND	37.56	0.00	691.85
MW-45	729.41	8/26/2021	ND	37.67	0.00	691.74
MW-45	729.41	8/30/2021	ND	37.83	0.00	691.58
MW-45	729.41	9/14/2021	ND	38.08	0.00	691.33
MW-45	729.41	9/23/2021	ND	38.27	0.00	691.14
MW-45	729.41	10/6/2021	ND	38.54	0.00	690.87

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-45	729.41	10/12/2021	ND	38.71	0.00	690.70
MW-45	729.41	10/18/2021	ND	38.89	0.00	690.52
MW-45	729.41	10/27/2021	ND	39.02	0.00	690.39
MW-45	729.41	11/1/2021	ND	39.20	0.00	690.21
MW-45	729.41	11/15/2021	ND	39.45	0.00	689.96
MW-46	726.73	9/14/2020	ND	31.63	0.00	695.10
MW-46	726.73	9/18/2020	ND	31.63	0.00	695.10
MW-46	726.73	9/28/2020	ND	31.71	0.00	695.02
MW-46	726.73	10/3/2020	ND	31.82	0.00	694.91
MW-46	726.73	10/19/2020	ND	31.89	0.00	694.84
MW-46	726.73	10/26/2020	ND	31.88	0.00	694.85
MW-46	726.73	11/9/2020	ND	31.88	0.00	694.85
MW-46	726.73	11/18/2020	ND	31.91	0.00	694.82
MW-46	726.73	11/23/2020	ND	31.82	0.00	694.91
MW-46	726.73	12/7/2020	ND	31.71	0.00	695.02
MW-46	726.73	12/21/2020	ND	31.77	0.00	694.96
MW-46	726.73	12/26/2020	ND	31.85	0.00	694.88
MW-46	726.73	1/10/2021	ND	31.83	0.00	694.90
MW-46	726.73	1/19/2021	ND	31.81	0.00	694.92
MW-46	726.73	1/25/2021	ND	31.62	0.00	695.11
MW-46	726.73	2/1/2021	ND	31.67	0.00	695.06
MW-46	726.73	2/8/2021	ND	31.98	0.00	694.75
MW-46	726.73	2/16/2021	ND	31.91	0.00	694.82
MW-46	726.73	2/22/2021	ND	31.83	0.00	694.90
MW-46	726.73	3/4/2021	ND	32.05	0.00	694.68
MW-46	726.73	3/8/2021	ND	32.27	0.00	694.46
MW-46	726.73	3/15/2021	ND	32.28	0.00	694.45
MW-46	726.73	3/22/2021	ND	32.23	0.00	694.50
MW-46	726.73	4/1/2021	ND	32.03	0.00	694.70
MW-46	726.73	4/12/2021	ND	31.74	0.00	694.99
MW-46	726.73	4/19/2021	ND	31.68	0.00	695.05
MW-46	726.73	4/29/2021	ND	31.60	0.00	695.13
MW-46	726.73	5/3/2021	ND	31.45	0.00	695.28
MW-46	726.73	5/10/2021	ND	31.70	0.00	695.03
MW-46	726.73	5/18/2021	ND	32.53	0.00	694.20
MW-46	726.73	5/26/2021	ND	32.57	0.00	694.16
MW-46	726.73	5/31/2021	ND	33.04	0.00	693.69
MW-46	726.73	6/7/2021	ND	33.25	0.00	693.48
MW-46	726.73	6/14/2021	ND	33.45	0.00	693.28
MW-46	726.73	6/21/2021	ND	33.76	0.00	692.97
MW-46	726.73	7/1/2021	ND	33.62	0.00	693.11

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-46	726.73	7/6/2021	ND	33.69	0.00	693.04
MW-46	726.73	7/14/2021	ND	33.71	0.00	693.02
MW-46	726.73	7/28/2021	ND	33.87	0.00	692.86
MW-46	726.73	8/2/2021	ND	34.43	0.00	692.30
MW-46	726.73	8/16/2021	ND	34.78	0.00	691.95
MW-46	726.73	8/26/2021	ND	34.71	0.00	692.02
MW-46	726.73	8/30/2021	ND	35.01	0.00	691.72
MW-46	726.73	9/14/2021	ND	35.28	0.00	691.45
MW-46	726.73	9/23/2021	ND	35.21	0.00	691.52
MW-46	726.73	10/6/2021	ND	35.62	0.00	691.11
MW-46	726.73	10/12/2021	ND	35.82	0.00	690.91
MW-46	726.73	10/18/2021	ND	35.91	0.00	690.82
MW-46	726.73	10/27/2021	ND	35.81	0.00	690.92
MW-46	726.73	11/1/2021	ND	36.18	0.00	690.55
MW-47	726.77	9/14/2020	ND	30.88	0.00	695.89
MW-47	726.77	9/18/2020	ND	30.75	0.00	696.02
MW-47	726.77	9/28/2020	ND	30.74	0.00	696.03
MW-47	726.77	10/3/2020	30.54	30.88	0.34	696.14
MW-47	726.77	10/19/2020	25.61	27.85	2.24	700.56
MW-47	726.77	11/9/2020	25.51	27.78	2.27	700.65
MW-47	726.77	11/18/2020	ARP	ARP	ARP	ARP
MW-47	726.77	11/23/2020	25.51	27.75	2.24	700.66
MW-47	726.77	12/7/2020	ARP	ARP	ARP	ARP
MW-47	726.77	12/21/2020	ARP	ARP	ARP	ARP
MW-47	726.77	12/26/2020	25.58	27.80	2.22	700.60
MW-47	726.77	1/10/2021	ARP	ARP	ARP	ARP
MW-47	726.77	1/19/2021	ARP	ARP	ARP	ARP
MW-47	726.77	1/25/2021	ARP	ARP	ARP	ARP
MW-47	726.77	2/1/2021	25.46	27.68	2.22	700.72
MW-47	726.77	2/8/2021	ARP	ARP	ARP	ARP
MW-47	726.77	2/16/2021	ARP	ARP	ARP	ARP
MW-47	726.77	2/22/2021	ARP	ARP	ARP	ARP
MW-47	723.18	3/4/2021	26.41	27.72	1.31	696.42
MW-47	723.18	3/8/2021	ARP	ARP	ARP	ARP
MW-47	723.18	3/15/2021	ARP	ARP	ARP	ARP
MW-47	723.18	3/22/2021	ARP	ARP	ARP	ARP
MW-47	723.18	4/1/2021	25.74	25.90	0.16	697.40
MW-47	723.18	4/12/2021	ARP	ARP	ARP	ARP
MW-47	723.18	4/19/2021	ARP	ARP	ARP	ARP
MW-47	723.18	4/29/2021	26.48	27.55	1.07	696.41
MW-47	723.18	5/3/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-47	723.18	5/10/2021	ARP	ARP	ARP	ARP
MW-47	723.18	5/18/2021	ARP	ARP	ARP	ARP
MW-47	723.18	5/26/2021	27.33	27.44	0.11	695.82
MW-47	723.18	5/31/2021	ARP	ARP	ARP	ARP
MW-47	723.18	6/7/2021	ARP	ARP	ARP	ARP
MW-47	723.18	6/14/2021	ARP	ARP	ARP	ARP
MW-47	723.18	6/21/2021	ARP	ARP	ARP	ARP
MW-47	723.18	7/1/2021	ND	27.64	0.00	695.54
MW-47	723.18	7/6/2021	ARP	ARP	ARP	ARP
MW-47	723.18	7/14/2021	ND	27.56	0.00	695.62
MW-47	723.18	7/28/2021	ND	26.91	0.00	696.27
MW-47	723.18	8/16/2021	ARP	ARP	ARP	ARP
MW-47	723.18	8/26/2021	ND	27.37	0.00	695.81
MW-47	723.18	8/30/2021	ARP	ARP	ARP	ARP
MW-47	723.18	9/16/2021	ND	27.35	0.00	695.83
MW-47	723.18	9/23/2021	ND	27.24	0.00	695.94
MW-47	723.18	10/6/2021	ARP	ARP	ARP	ARP
MW-47	723.18	10/12/2021	ARP	ARP	ARP	ARP
MW-47	723.18	10/18/2021	ARP	ARP	ARP	ARP
MW-47	723.18	10/27/2021	ND	27.35	0.00	695.83
MW-47	723.18	11/1/2021	ARP	ARP	ARP	ARP
MW-48	723.09	9/18/2020	ND	33.44	0.00	689.65
MW-48	723.09	9/28/2020	ND	33.38	0.00	689.71
MW-48	723.09	10/3/2020	ND	33.57	0.00	689.52
MW-48	723.09	10/19/2020	ND	33.63	0.00	689.46
MW-48	723.09	10/26/2020	ND	33.65	0.00	689.44
MW-48	723.09	11/9/2020	ND	33.58	0.00	689.51
MW-48	723.09	11/18/2020	ND	33.64	0.00	689.45
MW-48	723.09	11/23/2020	ND	33.56	0.00	689.53
MW-48	723.09	12/7/2020	33.30	33.70	0.40	689.68
MW-48	723.09	12/21/2020	ARP	ARP	ARP	ARP
MW-48	723.09	12/26/2020	33.79	34.51	0.72	689.10
MW-48	723.09	1/10/2021	ARP	ARP	ARP	ARP
MW-48	723.09	1/19/2021	ARP	ARP	ARP	ARP
MW-48	723.09	1/25/2021	ARP	ARP	ARP	ARP
MW-48	723.09	2/1/2021	32.85	38.05	5.20	688.85
MW-48	723.09	2/8/2021	ARP	ARP	ARP	ARP
MW-48	723.09	2/16/2021	ARP	ARP	ARP	ARP
MW-48	723.09	2/22/2021	ARP	ARP	ARP	ARP
MW-48	723.57	3/4/2021	33.73	34.80	1.07	689.55
MW-48	723.57	3/15/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-48	723.57	3/22/2021	ARP	ARP	ARP	ARP
MW-48	723.57	4/1/2021	33.45	35.18	1.73	689.66
MW-48	723.57	4/12/2021	ARP	ARP	ARP	ARP
MW-48	723.57	4/19/2021	ARP	ARP	ARP	ARP
MW-48	723.57	4/29/2021	33.61	33.88	0.27	689.89
MW-48	723.57	5/3/2021	ARP	ARP	ARP	ARP
MW-48	723.57	5/10/2021	ARP	ARP	ARP	ARP
MW-48	723.57	5/18/2021	ARP	ARP	ARP	ARP
MW-48	723.57	5/26/2021	33.60	33.74	0.14	689.93
MW-48	723.57	5/31/2021	ARP	ARP	ARP	ARP
MW-48	723.57	6/7/2021	ARP	ARP	ARP	ARP
MW-48	723.57	6/14/2021	ARP	ARP	ARP	ARP
MW-48	723.57	6/21/2021	ARP	ARP	ARP	ARP
MW-48	723.57	7/1/2021	34.02	34.42	0.40	689.44
MW-48	723.57	7/6/2021	ARP	ARP	ARP	ARP
MW-48	723.57	7/14/2021	34.50	34.72	0.22	689.01
MW-48	723.57	7/28/2021	34.97	35.12	0.15	688.56
MW-48	723.57	8/16/2021	ARP	ARP	ARP	ARP
MW-48	723.57	8/26/2021	35.67	35.87	0.20	687.85
MW-48	723.57	8/30/2021	ARP	ARP	ARP	ARP
MW-48	723.57	9/16/2021	ND	36.36	0.00	687.21
MW-48	723.57	9/23/2021	36.48	36.61	0.13	687.06
MW-48	723.57	10/6/2021	ARP	ARP	ARP	ARP
MW-48	723.57	10/12/2021	ARP	ARP	ARP	ARP
MW-48	723.57	10/18/2021	ARP	ARP	ARP	ARP
MW-48	723.57	10/27/2021	37.17	37.41	0.24	686.34
MW-48	723.57	11/1/2021	ARP	ARP	ARP	ARP
MW-49	727.58	9/18/2020	ND	32.29	0.00	695.29
MW-49	727.58	9/28/2020	ND	33.63	0.00	693.95
MW-49	727.58	10/3/2020	ND	33.75	0.00	693.83
MW-49	727.58	10/19/2020	ND	33.73	0.00	693.85
MW-49	727.58	10/26/2020	ND	33.76	0.00	693.82
MW-49	727.58	11/9/2020	ND	33.69	0.00	693.89
MW-49	727.58	11/18/2020	ND	33.70	0.00	693.88
MW-49	727.58	11/23/2020	ND	33.55	0.00	694.03
MW-49	727.58	12/7/2020	ND	33.45	0.00	694.13
MW-49	727.58	12/21/2020	ND	33.49	0.00	694.09
MW-49	727.58	12/26/2020	ND	33.57	0.00	694.01
MW-49	727.58	1/10/2021	ND	33.53	0.00	694.05
MW-49	727.58	1/19/2021	ND	33.51	0.00	694.07
MW-49	727.58	1/25/2021	ND	33.34	0.00	694.24

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-49	727.58	2/1/2021	ND	33.42	0.00	694.16
MW-49	727.58	2/8/2021	ND	33.65	0.00	693.93
MW-49	727.58	2/16/2021	ND	33.52	0.00	694.06
MW-49	727.58	2/22/2021	ND	33.37	0.00	694.21
MW-49	727.58	3/4/2021	ND	33.28	0.00	694.30
MW-49	727.58	3/8/2021	ND	33.36	0.00	694.22
MW-49	727.58	3/15/2021	ND	33.33	0.00	694.25
MW-49	727.58	3/22/2021	ND	33.31	0.00	694.27
MW-49	727.58	4/1/2021	ND	33.09	0.00	694.49
MW-49	727.58	4/12/2021	ND	32.84	0.00	694.74
MW-49	727.58	4/19/2021	ND	32.78	0.00	694.80
MW-49	727.58	4/29/2021	ND	32.75	0.00	694.83
MW-49	727.58	5/3/2021	ND	32.73	0.00	694.85
MW-49	727.58	5/10/2021	ND	32.92	0.00	694.66
MW-49	727.58	5/18/2021	ND	33.29	0.00	694.29
MW-49	727.58	5/26/2021	ND	33.41	0.00	694.17
MW-49	727.58	5/31/2021	ND	33.71	0.00	693.87
MW-49	727.58	6/7/2021	ND	33.81	0.00	693.77
MW-49	727.58	6/14/2021	ND	34.03	0.00	693.55
MW-49	727.58	6/21/2021	ND	34.08	0.00	693.50
MW-49	727.58	7/1/2021	ND	34.34	0.00	693.24
MW-49	727.58	7/6/2021	ND	34.62	0.00	692.96
MW-49	727.58	7/14/2021	ND	37.77	0.00	689.81
MW-49	727.58	7/28/2021	ND	35.02	0.00	692.56
MW-49	727.58	8/2/2021	ND	35.26	0.00	692.32
MW-49	727.58	8/16/2021	ND	35.49	0.00	692.09
MW-49	727.58	8/26/2021	ND	35.63	0.00	691.95
MW-49	727.58	8/30/2021	ND	35.76	0.00	691.82
MW-49	727.58	9/14/2021	ND	36.04	0.00	691.54
MW-49	727.58	9/23/2021	ND	36.24	0.00	691.34
MW-49	727.58	10/6/2021	ND	36.52	0.00	691.06
MW-49	727.58	10/12/2021	ND	36.70	0.00	690.88
MW-49	727.58	10/18/2021	ND	36.85	0.00	690.73
MW-49	727.58	10/27/2021	ND	37.02	0.00	690.56
MW-49	727.58	11/1/2021	ND	37.18	0.00	690.40
MW-50	731.14	9/18/2020	ND	35.04	0.00	696.10
MW-50	731.14	9/28/2020	ND	36.74	0.00	694.40
MW-50	731.14	10/3/2020	ND	36.85	0.00	694.29
MW-50	731.14	10/19/2020	ND	36.88	0.00	694.26
MW-50	731.14	10/26/2020	ND	36.94	0.00	694.20
MW-50	731.14	11/9/2020	ND	36.90	0.00	694.24

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-50	731.14	11/18/2020	ND	36.99	0.00	694.15
MW-50	731.14	11/23/2020	ND	36.86	0.00	694.28
MW-50	731.14	12/7/2020	ND	36.81	0.00	694.33
MW-50	731.14	12/21/2020	ND	36.84	0.00	694.30
MW-50	731.14	12/26/2020	ND	36.95	0.00	694.19
MW-50	731.14	1/10/2021	ND	36.95	0.00	694.19
MW-50	731.14	1/19/2021	ND	36.95	0.00	694.19
MW-50	731.14	1/25/2021	ND	36.92	0.00	694.22
MW-50	731.14	2/1/2021	ND	36.91	0.00	694.23
MW-50	731.14	2/8/2021	ND	37.67	0.00	693.47
MW-50	731.14	2/16/2021	ND	37.58	0.00	693.56
MW-50	731.14	2/22/2021	ND	37.34	0.00	693.80
MW-50	731.14	3/4/2021	ND	37.19	0.00	693.95
MW-50	731.14	3/8/2021	ND	37.20	0.00	693.94
MW-50	731.14	3/15/2021	ND	37.47	0.00	693.67
MW-50	731.14	3/22/2021	ND	37.16	0.00	693.98
MW-50	731.14	4/1/2021	ND	36.93	0.00	694.21
MW-50	731.14	4/12/2021	ND	36.68	0.00	694.46
MW-50	731.14	4/19/2021	ND	36.91	0.00	694.23
MW-50	731.14	4/29/2021	ND	36.69	0.00	694.45
MW-50	731.14	5/3/2021	ND	36.83	0.00	694.31
MW-50	731.14	5/10/2021	ND	37.14	0.00	694.00
MW-50	731.14	5/18/2021	ND	37.54	0.00	693.60
MW-50	731.14	5/26/2021	ND	37.48	0.00	693.66
MW-50	731.14	5/31/2021	ND	38.01	0.00	693.13
MW-50	731.14	6/7/2021	ND	38.18	0.00	692.96
MW-50	731.14	6/14/2021	ND	38.34	0.00	692.80
MW-50	731.14	6/21/2021	ND	38.12	0.00	693.02
MW-50	731.14	7/1/2021	ND	38.43	0.00	692.71
MW-50	731.14	7/6/2021	ND	38.95	0.00	692.19
MW-50	731.14	7/14/2021	ND	38.94	0.00	692.20
MW-50	731.14	7/28/2021	ND	39.10	0.00	692.04
MW-50	731.14	8/2/2021	ND	39.57	0.00	691.57
MW-50	731.14	8/16/2021	ND	39.79	0.00	691.35
MW-50	731.14	8/26/2021	ND	39.74	0.00	691.40
MW-50	731.14	8/30/2021	ND	40.00	0.00	691.14
MW-50	731.14	9/14/2021	ND	42.20	0.00	688.94
MW-50	731.14	9/23/2021	ND	40.26	0.00	690.88
MW-50	731.14	10/6/2021	ND	40.53	0.00	690.61
MW-50	731.14	10/12/2021	ND	40.80	0.00	690.34
MW-50	731.14	10/18/2021	ND	40.95	0.00	690.19

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-50	731.14	10/27/2021	ND	40.95	0.00	690.19
MW-50	731.14	11/1/2021	ND	41.21	0.00	689.93
MW-51	731.20	9/18/2020	ND	31.34	0.00	699.86
MW-51	731.20	9/28/2020	ND	37.08	0.00	694.12
MW-51	731.20	10/3/2020	ND	37.18	0.00	694.02
MW-51	731.20	10/19/2020	ND	37.18	0.00	694.02
MW-51	731.20	10/26/2020	ND	37.19	0.00	694.01
MW-51	731.20	11/9/2020	ND	37.18	0.00	694.02
MW-51	731.20	11/18/2020	ND	37.27	0.00	693.93
MW-51	731.20	11/23/2020	ND	37.10	0.00	694.10
MW-51	731.20	12/7/2020	ND	37.03	0.00	694.17
MW-51	731.20	12/21/2020	ND	37.08	0.00	694.12
MW-51	731.20	12/26/2020	ND	37.18	0.00	694.02
MW-51	731.20	1/10/2021	ND	37.20	0.00	694.00
MW-51	731.20	1/19/2021	ND	37.19	0.00	694.01
MW-51	731.20	1/25/2021	ND	37.07	0.00	694.13
MW-51	731.20	2/1/2021	ND	37.16	0.00	694.04
MW-51	731.20	2/8/2021	ND	37.51	0.00	693.69
MW-51	731.20	2/16/2021	ND	37.38	0.00	693.82
MW-51	731.20	2/22/2021	ND	37.29	0.00	693.91
MW-51	731.20	3/4/2021	ND	37.22	0.00	693.98
MW-51	731.20	3/8/2021	ND	37.31	0.00	693.89
MW-51	731.20	3/15/2021	ND	37.31	0.00	693.89
MW-51	731.20	3/22/2021	ND	37.30	0.00	693.90
MW-51	731.20	4/1/2021	ND	37.09	0.00	694.11
MW-51	731.20	4/12/2021	ND	36.86	0.00	694.34
MW-51	731.20	4/9/2021	ND	36.85	0.00	694.35
MW-51	731.20	4/29/2021	ND	36.79	0.00	694.41
MW-51	731.20	5/3/2021	ND	36.76	0.00	694.44
MW-51	731.20	5/10/2021	ND	36.96	0.00	694.24
MW-51	731.20	5/18/2021	ND	37.36	0.00	693.84
MW-51	731.20	5/26/2021	ND	37.46	0.00	693.74
MW-51	731.20	5/31/2021	ND	37.78	0.00	693.42
MW-51	731.20	6/7/2021	ND	37.93	0.00	693.27
MW-51	731.20	6/14/2021	ND	37.86	0.00	693.34
MW-51	731.20	6/21/2021	ND	38.07	0.00	693.13
MW-51	731.20	7/1/2021	ND	38.38	0.00	692.82
MW-51	731.20	7/6/2021	ND	38.74	0.00	692.46
MW-51	731.20	7/14/2021	ND	38.87	0.00	692.33
MW-51	731.20	7/28/2021	ND	39.15	0.00	692.05
MW-51	731.20	8/2/2021	ND	39.37	0.00	691.83

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-51	731.20	8/16/2021	ND	39.58	0.00	691.62
MW-51	731.20	8/26/2021	ND	39.72	0.00	691.48
MW-51	731.20	8/30/2021	ND	39.84	0.00	691.36
MW-51	731.20	9/14/2021	ND	40.10	0.00	691.10
MW-51	731.20	9/23/2021	ND	40.24	0.00	690.96
MW-51	731.20	10/6/2021	ND	40.53	0.00	690.67
MW-51	731.20	10/12/2021	ND	40.73	0.00	690.47
MW-51	731.20	10/18/2021	ND	40.88	0.00	690.32
MW-51	731.20	10/27/2021	ND	41.00	0.00	690.20
MW-51	731.20	11/1/2021	ND	41.17	0.00	690.03
MW-52	722.94	10/3/2020	ND	33.48	0.00	689.46
MW-52	722.94	10/19/2020	ND	33.56	0.00	689.38
MW-52	722.94	10/21/2020	ND	35.56	0.00	687.38
MW-52	722.94	10/26/2020	ND	33.60	0.00	689.34
MW-52	722.94	11/9/2020	ND	33.52	0.00	689.42
MW-52	722.94	11/18/2020	ND	33.59	0.00	689.35
MW-52	722.94	11/23/2020	ND	33.51	0.00	689.43
MW-52	722.94	12/7/2020	ND	33.36	0.00	689.58
MW-52	722.94	12/21/2020	ND	33.54	0.00	689.40
MW-52	722.94	12/26/2020	ND	33.49	0.00	689.45
MW-52	722.94	1/10/2021	ND	33.58	0.00	689.36
MW-52	722.94	1/19/2021	ND	33.89	0.00	689.05
MW-52	722.94	1/25/2021	ND	33.83	0.00	689.11
MW-52	722.94	2/1/2021	ND	33.72	0.00	689.22
MW-52	722.94	2/8/2021	ND	34.31	0.00	688.63
MW-52	722.94	2/16/2021	ND	33.91	0.00	689.03
MW-52	722.94	2/22/2021	ND	33.83	0.00	689.11
MW-52	722.94	3/4/2021	ND	33.44	0.00	689.50
MW-52	722.94	3/8/2021	ND	33.78	0.00	689.16
MW-52	722.94	3/15/2021	ND	33.78	0.00	689.16
MW-52	722.94	3/22/2021	ND	33.66	0.00	689.28
MW-52	722.94	4/1/2021	ND	33.34	0.00	689.60
MW-52	722.94	4/12/2021	ND	24.45	0.00	698.49
MW-52	722.94	4/19/2021	ND	33.47	0.00	689.47
MW-52	722.94	4/29/2021	ND	33.14	0.00	689.80
MW-52	722.94	5/3/2021	ND	33.39	0.00	689.55
MW-52	722.94	5/10/2021	ND	33.30	0.00	689.64
MW-52	722.94	5/18/2021	ND	33.18	0.00	689.76
MW-52	722.94	5/26/2021	ND	33.05	0.00	689.89
MW-52	722.94	5/31/2021	ND	33.24	0.00	689.70
MW-52	722.94	6/7/2021	ND	33.40	0.00	689.54

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-52	722.94	6/14/2021	ND	33.55	0.00	689.39
MW-52	722.94	6/21/2021	ND	33.73	0.00	689.21
MW-52	722.94	7/1/2021	ND	33.61	0.00	689.33
MW-52	722.94	7/6/2021	ND	34.22	0.00	688.72
MW-52	722.94	7/14/2021	ND	34.03	0.00	688.91
MW-52	722.94	7/28/2021	ND	34.84	0.00	688.10
MW-52	722.94	8/2/2021	ND	35.10	0.00	687.84
MW-52	722.94	8/16/2021	ND	35.39	0.00	687.55
MW-52	722.94	8/26/2021	ND	35.30	0.00	687.64
MW-52	722.94	8/30/2021	ND	35.74	0.00	687.20
MW-52	722.94	9/14/2021	ND	36.21	0.00	686.73
MW-52	722.94	9/23/2021	ND	36.10	0.00	686.84
MW-52	722.94	10/6/2021	ND	36.70	0.00	686.24
MW-52	722.94	10/12/2021	ND	36.88	0.00	686.06
MW-52	722.94	10/18/2021	ND	37.03	0.00	685.91
MW-52	722.94	10/27/2021	ND	36.85	0.00	686.09
MW-52	722.94	11/1/2021	ND	37.07	0.00	685.87
MW-53	707.49	10/3/2020	ND	29.76	0.00	677.73
MW-53	707.49	10/19/2020	ND	25.59	0.00	681.90
MW-53	707.49	10/26/2020	ND	25.51	0.00	681.98
MW-53	707.49	11/9/2020	ND	25.40	0.00	682.09
MW-53	707.49	11/18/2020	ND	25.20	0.00	682.29
MW-53	707.49	11/23/2020	ND	25.07	0.00	682.42
MW-53	707.49	12/7/2020	ND	24.86	0.00	682.63
MW-53	707.49	12/21/2020	ND	24.78	0.00	682.71
MW-53	707.49	12/26/2020	ND	27.74	0.00	679.75
MW-53	707.49	1/10/2021	ND	24.70	0.00	682.79
MW-53	707.49	1/19/2021	ND	25.10	0.00	682.39
MW-53	707.49	1/25/2021	ND	25.27	0.00	682.22
MW-53	707.49	2/1/2021	ND	25.20	0.00	682.29
MW-53	707.49	2/8/2021	ND	25.36	0.00	682.13
MW-53	707.49	2/16/2021	ND	24.86	0.00	682.63
MW-53	707.49	2/22/2021	ND	24.32	0.00	683.17
MW-53	707.49	3/4/2021	ND	24.14	0.00	683.35
MW-53	707.49	3/8/2021	ND	24.48	0.00	683.01
MW-53	707.49	3/15/2021	ND	24.56	0.00	682.93
MW-53	707.49	3/22/2021	ND	24.38	0.00	683.11
MW-53	707.49	4/1/2021	ND	23.79	0.00	683.70
MW-53	707.49	4/12/2021	ND	24.26	0.00	683.23
MW-53	707.49	4/19/2021	ND	24.64	0.00	682.85
MW-53	707.49	4/29/2021	ND	24.90	0.00	682.59

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-53	707.49	5/3/2021	ND	24.96	0.00	682.53
MW-53	707.49	5/10/2021	ND	25.18	0.00	682.31
MW-53	707.49	5/18/2021	ND	25.42	0.00	682.07
MW-53	707.49	5/26/2021	ND	25.55	0.00	681.94
MW-53	707.49	5/31/2021	ND	25.86	0.00	681.63
MW-53	707.49	6/7/2021	ND	26.16	0.00	681.33
MW-53	707.49	6/14/2021	ND	26.26	0.00	681.23
MW-53	707.49	6/21/2021	ND	26.44	0.00	681.05
MW-53	707.49	7/1/2021	ND	27.59	0.00	679.90
MW-53	707.49	7/6/2021	ND	26.83	0.00	680.66
MW-53	707.49	7/14/2021	ND	26.90	0.00	680.59
MW-53	707.49	7/28/2021	ND	27.43	0.00	680.06
MW-53	707.49	8/2/2021	ND	27.75	0.00	679.74
MW-53	707.49	8/16/2021	ND	28.38	0.00	679.11
MW-53	707.49	8/26/2021	ND	28.84	0.00	678.65
MW-53	707.49	8/30/2021	ND	29.23	0.00	678.26
MW-53	707.49	9/14/2021	ND	30.02	0.00	677.47
MW-53	707.49	9/23/2021	ND	30.30	0.00	677.19
MW-53	707.49	10/6/2021	ND	31.31	0.00	676.18
MW-53	707.49	10/12/2021	ND	31.60	0.00	675.89
MW-53	707.49	10/18/2021	ND	31.93	0.00	675.56
MW-53	707.49	10/27/2021	ND	32.07	0.00	675.42
MW-53	707.49	11/1/2021	ND	32.25	0.00	675.24
MW-54	707.97	10/3/2020	ND	25.60	0.00	682.37
MW-54	707.97	10/19/2020	ND	25.41	0.00	682.56
MW-54	707.97	10/26/2020	ND	25.35	0.00	682.62
MW-54	707.97	11/9/2020	ND	25.26	0.00	682.71
MW-54	707.97	11/18/2020	ND	25.16	0.00	682.81
MW-54	707.97	11/23/2020	ND	25.06	0.00	682.91
MW-54	707.97	12/7/2020	ND	24.79	0.00	683.18
MW-54	707.97	12/21/2020	ND	24.74	0.00	683.23
MW-54	707.97	12/26/2020	ND	24.74	0.00	683.23
MW-54	707.97	1/10/2021	ND	24.61	0.00	683.36
MW-54	707.97	1/19/2021	ND	24.96	0.00	683.01
MW-54	707.97	1/25/2021	ND	25.08	0.00	682.89
MW-54	707.97	2/1/2021	ND	25.08	0.00	682.89
MW-54	707.97	2/8/2021	ND	25.27	0.00	682.70
MW-54	707.97	2/16/2021	ND	24.82	0.00	683.15
MW-54	707.97	2/22/2021	ND	24.41	0.00	683.56
MW-54	707.97	3/4/2021	ND	24.07	0.00	683.90
MW-54	707.97	3/8/2021	ND	24.43	0.00	683.54

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-54	707.97	3/15/2021	ND	24.45	0.00	683.52
MW-54	707.97	3/22/2021	ND	24.61	0.00	683.36
MW-54	707.97	4/1/2021	ND	24.01	0.00	683.96
MW-54	707.97	4/12/2021	ND	24.34	0.00	683.63
MW-54	707.97	4/19/2021	ND	24.71	0.00	683.26
MW-54	707.97	4/29/2021	ND	24.86	0.00	683.11
MW-54	707.97	5/3/2021	ND	24.82	0.00	683.15
MW-54	707.97	5/10/2021	ND	25.20	0.00	682.77
MW-54	707.97	5/18/2021	ND	25.53	0.00	682.44
MW-54	707.97	5/26/2021	ND	25.56	0.00	682.41
MW-54	707.97	5/31/2021	ND	25.93	0.00	682.04
MW-54	707.97	6/7/2021	ND	26.27	0.00	681.70
MW-54	707.97	6/14/2021	ND	26.33	0.00	681.64
MW-54	707.97	6/21/2021	ND	26.52	0.00	681.45
MW-54	707.97	7/1/2021	ND	26.63	0.00	681.34
MW-54	707.97	7/6/2021	ND	26.91	0.00	681.06
MW-54	707.97	7/14/2021	ND	26.92	0.00	681.05
MW-54	707.97	7/28/2021	ND	27.55	0.00	680.42
MW-54	707.97	8/2/2021	ND	28.01	0.00	679.96
MW-54	707.97	8/16/2021	28.64	28.84	0.20	679.28
MW-54	707.97	8/26/2021	29.00	29.28	0.28	678.90
MW-54	707.97	8/30/2021	29.63	30.10	0.47	678.21
MW-54	707.97	9/16/2021	30.54	31.08	0.54	677.29
MW-54	707.97	9/23/2021	30.91	31.63	0.72	676.87
MW-54	707.97	10/6/2021	ARP	ARP	ARP	ARP
MW-54	707.97	10/12/2021	ARP	ARP	ARP	ARP
MW-54	707.97	10/18/2021	ARP	ARP	ARP	ARP
MW-54	707.97	10/27/2021	32.64	34.26	1.62	674.90
MW-54	707.97	11/1/2021	ARP	ARP	ARP	ARP
MW-55	745.50	10/3/2020	ND	55.30	0.00	690.20
MW-55	745.50	10/19/2020	ND	53.23	0.00	692.27
MW-55	745.50	10/26/2020	ND	53.20	0.00	692.30
MW-55	745.50	11/9/2020	ND	53.28	0.00	692.22
MW-55	745.50	11/18/2020	ND	53.63	0.00	691.87
MW-55	745.50	11/23/2020	ND	53.29	0.00	692.21
MW-55	745.50	12/7/2020	ARP	ARP	ARP	ARP
MW-55	745.50	12/21/2020	ARP	ARP	ARP	ARP
MW-55	745.50	12/26/2020	51.17	53.54	2.37	693.70
MW-55	745.50	1/10/2021	ARP	ARP	ARP	ARP
MW-55	745.50	1/19/2021	ARP	ARP	ARP	ARP
MW-55	745.50	1/25/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-55	745.50	2/1/2021	51.41	54.29	2.88	693.32
MW-55	745.50	2/8/2021	ARP	ARP	ARP	ARP
MW-55	745.50	2/16/2021	ARP	ARP	ARP	ARP
MW-55	745.50	2/22/2021	ARP	ARP	ARP	ARP
MW-55	743.95	3/4/2021	51.43	54.04	2.61	691.82
MW-55	743.95	3/15/2021	ARP	ARP	ARP	ARP
MW-55	743.95	3/22/2021	ARP	ARP	ARP	ARP
MW-55	743.95	4/1/2021	51.71	54.01	2.30	691.63
MW-55	743.95	4/12/2021	ARP	ARP	ARP	ARP
MW-55	743.95	4/19/2021	ARP	ARP	ARP	ARP
MW-55	743.95	4/29/2021	51.91	53.36	1.45	691.65
MW-55	743.95	5/3/2021	ARP	ARP	ARP	ARP
MW-55	743.95	5/10/2021	ARP	ARP	ARP	ARP
MW-55	743.95	5/18/2021	ARP	ARP	ARP	ARP
MW-55	743.95	5/26/2021	51.85	53.64	1.79	691.62
MW-55	743.95	5/31/2021	ARP	ARP	ARP	ARP
MW-55	743.95	6/7/2021	ARP	ARP	ARP	ARP
MW-55	743.95	6/14/2021	ARP	ARP	ARP	ARP
MW-55	743.95	6/21/2021	ARP	ARP	ARP	ARP
MW-55	743.95	7/1/2021	52.77	52.93	0.16	691.14
MW-55	743.95	7/6/2021	ARP	ARP	ARP	ARP
MW-55	743.95	7/14/2021	52.88	53.02	0.14	691.03
MW-55	743.95	7/28/2021	53.12	53.29	0.17	690.78
MW-55	743.95	8/16/2021	ARP	ARP	ARP	ARP
MW-55	743.95	8/26/2021	53.63	53.85	0.22	690.26
MW-55	743.95	8/30/2021	ARP	ARP	ARP	ARP
MW-55	743.95	9/16/2021	54.03	54.52	0.49	689.79
MW-55	743.95	9/23/2021	54.21	54.72	0.51	689.60
MW-55	743.95	10/6/2021	ARP	ARP	ARP	ARP
MW-55	743.95	10/12/2021	ARP	ARP	ARP	ARP
MW-55	743.95	10/18/2021	ARP	ARP	ARP	ARP
MW-55	743.95	10/27/2021	54.97	55.48	0.51	688.84
MW-55	743.95	11/1/2021	ARP	ARP	ARP	ARP
MW-56	681.53	10/3/2020	ND	12.27	0.00	669.26
MW-56	681.53	10/19/2020	ND	11.86	0.00	669.67
MW-56	681.53	10/26/2020	ND	11.76	0.00	669.77
MW-56	681.53	11/9/2020	ND	11.36	0.00	670.17
MW-56	681.53	11/18/2020	ND	11.11	0.00	670.42
MW-56	681.53	11/23/2020	ND	10.95	0.00	670.58
MW-56	681.53	12/7/2020	ND	10.49	0.00	671.04
MW-56	681.53	12/21/2020	ND	10.16	0.00	671.37

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-56	681.53	12/26/2020	ND	10.30	0.00	671.23
MW-56	681.53	1/10/2021	ND	10.04	0.00	671.49
MW-56	681.53	1/19/2021	ND	10.03	0.00	671.50
MW-56	681.53	1/25/2021	ND	9.82	0.00	671.71
MW-56	681.53	2/1/2021	ND	9.33	0.00	672.20
MW-56	681.53	2/8/2021	ND	9.68	0.00	671.85
MW-56	681.53	2/16/2021	ND	8.94	0.00	672.59
MW-56	681.53	2/22/2021	ND	5.72	0.00	675.81
MW-56	681.53	3/4/2021	ND	8.62	0.00	672.91
MW-56	681.53	3/8/2021	ND	8.99	0.00	672.54
MW-56	681.53	3/15/2021	ND	9.04	0.00	672.49
MW-56	681.53	3/22/2021	ND	8.61	0.00	672.92
MW-56	681.53	4/1/2021	ND	8.19	0.00	673.34
MW-56	681.53	4/12/2021	ND	8.28	0.00	673.25
MW-56	681.53	4/19/2021	ND	8.58	0.00	672.95
MW-56	681.53	4/29/2021	ND	8.88	0.00	672.65
MW-56	681.53	5/3/2021	ND	8.99	0.00	672.54
MW-56	681.53	5/10/2021	ND	9.28	0.00	672.25
MW-56	681.53	5/18/2021	ND	9.64	0.00	671.89
MW-56	681.53	5/26/2021	ND	10.04	0.00	671.49
MW-56	681.53	5/31/2021	ND	10.45	0.00	671.08
MW-56	681.53	6/7/2021	ND	10.65	0.00	670.88
MW-56	681.53	6/14/2021	ND	10.54	0.00	670.99
MW-56	681.53	6/21/2021	ND	10.74	0.00	670.79
MW-56	681.53	7/1/2021	ND	11.53	0.00	670.00
MW-56	681.53	7/6/2021	ND	11.29	0.00	670.24
MW-56	681.53	7/14/2021	ND	11.53	0.00	670.00
MW-56	681.53	7/28/2021	ND	11.43	0.00	670.10
MW-56	681.53	8/2/2021	ND	11.70	0.00	669.83
MW-56	681.53	8/16/2021	ND	12.23	0.00	669.30
MW-56	681.53	8/26/2021	ND	12.34	0.00	669.19
MW-56	681.53	8/30/2021	ND	12.45	0.00	669.08
MW-56	681.53	9/14/2021	ND	13.15	0.00	668.38
MW-56	681.53	9/23/2021	ND	13.26	0.00	668.27
MW-56	681.53	10/6/2021	ND	13.70	0.00	667.83
MW-56	681.53	10/12/2021	ND	13.63	0.00	667.90
MW-56	681.53	10/18/2021	ND	13.88	0.00	667.65
MW-56	681.53	10/27/2021	ND	14.06	0.00	667.47
MW-56	681.53	11/1/2021	ND	14.11	0.00	667.42
MW-56	681.53	11/15/2021	ND	14.12	0.00	667.41
MW-57	687.07	10/3/2020	ND	13.71	0.00	673.36

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-57	687.07	10/19/2020	ND	13.11	0.00	673.96
MW-57	687.07	10/26/2020	ND	13.05	0.00	674.02
MW-57	687.07	11/9/2020	ND	12.20	0.00	674.87
MW-57	687.07	11/18/2020	ND	12.25	0.00	674.82
MW-57	687.07	11/23/2020	ND	12.19	0.00	674.88
MW-57	687.07	12/7/2020	ND	11.64	0.00	675.43
MW-57	687.07	12/21/2020	ND	11.26	0.00	675.81
MW-57	687.07	12/26/2020	ND	11.20	0.00	675.87
MW-57	687.07	1/10/2021	ND	10.91	0.00	676.16
MW-57	687.07	1/19/2021	ND	10.96	0.00	676.11
MW-57	687.07	1/25/2021	ND	10.83	0.00	676.24
MW-57	687.07	2/1/2021	ND	10.21	0.00	676.86
MW-57	687.07	2/8/2021	ND	10.32	0.00	676.75
MW-57	687.07	2/16/2021	ND	9.53	0.00	677.54
MW-57	687.07	2/22/2021	ND	6.29	0.00	680.78
MW-57	687.07	3/4/2021	ND	9.12	0.00	677.95
MW-57	687.07	3/8/2021	ND	9.46	0.00	677.61
MW-57	687.07	3/15/2021	ND	9.49	0.00	677.58
MW-57	687.07	3/22/2021	NM	NM	NM	NM
MW-57	687.07	4/1/2021	ND	8.09	0.00	678.98
MW-57	687.07	4/12/2021	ND	8.25	0.00	678.82
MW-57	687.07	4/19/2021	ND	8.52	0.00	678.55
MW-57	687.07	4/29/2021	ND	8.84	0.00	678.23
MW-57	687.07	5/3/2021	ND	8.98	0.00	678.09
MW-57	687.07	5/10/2021	ND	9.31	0.00	677.76
MW-57	687.07	5/18/2021	ND	10.73	0.00	676.34
MW-57	687.07	5/26/2021	ND	10.24	0.00	676.83
MW-57	687.07	5/31/2021	ND	10.66	0.00	676.41
MW-57	687.07	6/7/2021	ND	10.97	0.00	676.10
MW-57	687.07	6/14/2021	ND	10.95	0.00	676.12
MW-57	687.07	6/21/2021	ND	11.26	0.00	675.81
MW-57	687.07	7/1/2021	ND	11.64	0.00	675.43
MW-57	687.07	7/6/2021	ND	11.93	0.00	675.14
MW-57	687.07	7/14/2021	ND	12.27	0.00	674.80
MW-57	687.07	7/28/2021	ND	12.31	0.00	674.76
MW-57	687.07	8/2/2021	ND	12.59	0.00	674.48
MW-57	687.07	8/16/2021	ND	13.25	0.00	673.82
MW-57	687.07	8/26/2021	ND	13.45	0.00	673.62
MW-57	687.07	8/30/2021	ND	13.63	0.00	673.44
MW-57	687.07	9/14/2021	ND	14.44	0.00	672.63
MW-57	687.07	9/23/2021	ND	14.67	0.00	672.40

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-57	687.07	10/6/2021	ND	15.20	0.00	671.87
MW-57	687.07	10/12/2021	ND	15.21	0.00	671.86
MW-57	687.07	10/18/2021	ND	15.48	0.00	671.59
MW-57	687.07	10/27/2021	ND	15.76	0.00	671.31
MW-57	687.07	11/1/2021	ND	15.81	0.00	671.26
MW-57	687.07	11/15/2021	ND	15.97	0.00	671.10
MW-58	717.30	10/3/2020	ND	29.77	0.00	687.53
MW-58	717.30	10/19/2020	ND	29.78	0.00	687.52
MW-58	717.30	10/26/2020	ND	29.74	0.00	687.56
MW-58	717.30	11/9/2020	ND	29.60	0.00	687.70
MW-58	717.30	11/18/2020	ND	29.59	0.00	687.71
MW-58	717.30	11/23/2020	ND	29.54	0.00	687.76
MW-58	717.30	12/7/2020	ND	29.28	0.00	688.02
MW-58	717.30	12/21/2020	ND	29.23	0.00	688.07
MW-58	717.30	12/26/2020	ND	29.31	0.00	687.99
MW-58	717.30	1/10/2021	ND	29.09	0.00	688.21
MW-58	717.30	1/19/2021	ND	29.03	0.00	688.27
MW-58	717.30	1/25/2021	ND	28.88	0.00	688.42
MW-58	717.30	2/1/2021	ND	28.83	0.00	688.47
MW-58	717.30	2/8/2021	ND	28.99	0.00	688.31
MW-58	717.30	2/16/2021	ND	28.78	0.00	688.52
MW-58	717.30	2/22/2021	ND	28.65	0.00	688.65
MW-58	717.30	3/4/2021	ND	28.48	0.00	688.82
MW-58	717.30	3/8/2021	ND	28.62	0.00	688.68
MW-58	717.30	3/15/2021	ND	28.48	0.00	688.82
MW-58	717.30	3/22/2021	ND	28.31	0.00	688.99
MW-58	717.30	4/1/2021	ND	28.18	0.00	689.12
MW-58	717.30	4/12/2021	ND	27.86	0.00	689.44
MW-58	717.30	4/19/2021	ND	28.71	0.00	688.59
MW-58	717.30	4/29/2021	ND	27.71	0.00	689.59
MW-58	717.30	5/3/2021	ND	27.67	0.00	689.63
MW-58	717.30	5/10/2021	ND	27.72	0.00	689.58
MW-58	717.30	5/18/2021	ND	27.79	0.00	689.51
MW-58	717.30	5/26/2021	ND	27.80	0.00	689.50
MW-58	717.30	5/31/2021	ND	27.96	0.00	689.34
MW-58	717.30	6/7/2021	ND	28.00	0.00	689.30
MW-58	717.30	6/14/2021	ND	28.10	0.00	689.20
MW-58	717.30	6/21/2021	ND	28.24	0.00	689.06
MW-58	717.30	7/1/2021	ND	28.43	0.00	688.87
MW-58	717.30	7/6/2021	ND	28.62	0.00	688.68
MW-58	717.30	7/14/2021	ND	28.76	0.00	688.54

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-58	717.30	7/28/2021	ND	29.08	0.00	688.22
MW-58	717.30	8/2/2021	ND	29.26	0.00	688.04
MW-58	717.30	8/16/2021	ND	29.60	0.00	687.70
MW-58	717.30	8/26/2021	ND	29.88	0.00	687.42
MW-58	717.30	8/30/2021	ND	29.92	0.00	687.38
MW-58	717.30	9/14/2021	ND	30.30	0.00	687.00
MW-58	717.30	9/23/2021	ND	30.63	0.00	686.67
MW-58	717.30	10/6/2021	ND	30.93	0.00	686.37
MW-58	717.30	10/12/2021	ND	31.10	0.00	686.20
MW-58	717.30	10/18/2021	ND	31.33	0.00	685.97
MW-58	717.30	10/27/2021	ND	31.58	0.00	685.72
MW-58	717.30	11/1/2021	ND	31.73	0.00	685.57
MW-58	717.30	11/15/2021	ND	32.05	0.00	685.25
MW-59	719.38	10/3/2020	ND	31.26	0.00	688.12
MW-59	719.38	10/19/2020	ND	31.19	0.00	688.19
MW-59	719.38	10/26/2020	ND	31.18	0.00	688.20
MW-59	719.38	10/28/2020	ND	33.18	0.00	686.20
MW-59	719.38	11/9/2020	ND	31.03	0.00	688.35
MW-59	719.38	11/18/2020	ND	31.05	0.00	688.33
MW-59	719.38	11/23/2020	ND	30.99	0.00	688.39
MW-59	719.38	12/7/2020	ND	30.76	0.00	688.62
MW-59	719.38	12/21/2020	ND	37.80	0.00	681.58
MW-59	719.38	12/26/2020	ND	30.83	0.00	688.55
MW-59	719.38	1/10/2021	ND	30.68	0.00	688.70
MW-59	719.38	1/19/2021	ND	30.70	0.00	688.68
MW-59	719.38	1/25/2021	ND	30.61	0.00	688.77
MW-59	719.38	2/1/2021	ND	30.57	0.00	688.81
MW-59	719.38	2/8/2021	ND	30.78	0.00	688.60
MW-59	719.38	2/16/2021	ND	30.55	0.00	688.83
MW-59	719.38	2/22/2021	ND	30.43	0.00	688.95
MW-59	719.38	3/4/2021	ND	30.25	0.00	689.13
MW-59	719.38	3/8/2021	ND	30.36	0.00	689.02
MW-59	719.38	3/15/2021	ND	30.24	0.00	689.14
MW-59	719.38	3/22/2021	ND	30.10	0.00	689.28
MW-59	719.38	4/1/2021	ND	29.96	0.00	689.42
MW-59	719.38	4/12/2021	ND	29.67	0.00	689.71
MW-59	719.38	4/19/2021	ND	29.64	0.00	689.74
MW-59	719.38	4/29/2021	ND	29.55	0.00	689.83
MW-59	719.38	5/3/2021	ND	29.52	0.00	689.86
MW-59	719.38	5/10/2021	ND	29.58	0.00	689.80
MW-59	719.38	5/18/2021	ND	29.64	0.00	689.74

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-59	719.38	5/26/2021	ND	29.67	0.00	689.71
MW-59	719.38	5/31/2021	ND	29.86	0.00	689.52
MW-59	719.38	6/7/2021	ND	29.91	0.00	689.47
MW-59	719.38	6/14/2021	ND	30.01	0.00	689.37
MW-59	719.38	6/21/2021	ND	30.19	0.00	689.19
MW-59	719.38	7/1/2021	ND	30.33	0.00	689.05
MW-59	719.38	7/6/2021	ND	30.59	0.00	688.79
MW-59	719.38	7/14/2021	ND	30.72	0.00	688.66
MW-59	719.38	7/28/2021	ND	31.14	0.00	688.24
MW-59	719.38	8/2/2021	ND	31.34	0.00	688.04
MW-59	719.38	8/16/2021	ND	31.73	0.00	687.65
MW-59	719.38	8/26/2021	ND	31.99	0.00	687.39
MW-59	719.38	8/30/2021	ND	32.09	0.00	687.29
MW-59	719.38	9/14/2021	ND	32.53	0.00	686.85
MW-59	719.38	9/23/2021	ND	32.80	0.00	686.58
MW-59	719.38	10/6/2021	ND	33.16	0.00	686.22
MW-59	719.38	10/12/2021	ND	33.35	0.00	686.03
MW-59	719.38	10/18/2021	ND	33.55	0.00	685.83
MW-59	719.38	10/27/2021	ND	33.75	0.00	685.63
MW-59	719.38	11/1/2021	ND	33.91	0.00	685.47
MW-59	719.38	11/15/2021	ND	34.24	0.00	685.14
MW-60	726.76	1/10/2020	ND	32.99	0.00	693.77
MW-60	726.76	10/8/2020	ND	33.60	0.00	693.16
MW-60	726.76	10/19/2020	ND	33.62	0.00	693.14
MW-60	726.76	10/26/2020	ND	33.58	0.00	693.18
MW-60	726.76	11/9/2020	ND	33.49	0.00	693.27
MW-60	726.76	11/18/2020	ND	33.48	0.00	693.28
MW-60	726.76	11/23/2020	ND	33.33	0.00	693.43
MW-60	726.76	12/7/2020	ND	33.11	0.00	693.65
MW-60	726.76	12/21/2020	ND	33.07	0.00	693.69
MW-60	726.76	12/26/2020	ND	33.08	0.00	693.68
MW-60	726.76	1/19/2021	ND	32.90	0.00	693.86
MW-60	726.76	1/25/2021	ND	32.62	0.00	694.14
MW-60	726.76	2/1/2021	ND	32.64	0.00	694.12
MW-60	726.76	2/8/2021	ND	32.78	0.00	693.98
MW-60	726.76	2/16/2021	ND	32.58	0.00	694.18
MW-60	726.76	2/22/2021	ND	32.30	0.00	694.46
MW-60	726.76	3/4/2021	ND	32.14	0.00	694.62
MW-60	726.76	3/8/2021	ND	32.08	0.00	694.68
MW-60	726.76	3/15/2021	ND	32.07	0.00	694.69
MW-60	726.76	3/22/2021	ND	31.96	0.00	694.80

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-60	726.76	4/1/2021	ND	31.72	0.00	695.04
MW-60	726.76	4/12/2021	ND	31.42	0.00	695.34
MW-60	726.76	4/19/2021	ND	31.28	0.00	695.48
MW-60	726.76	4/29/2021	ND	31.25	0.00	695.51
MW-60	726.76	5/3/2021	ND	31.23	0.00	695.53
MW-60	726.76	5/10/2021	ND	31.36	0.00	695.40
MW-60	726.76	5/18/2021	ND	31.63	0.00	695.13
MW-60	726.76	5/26/2021	ND	31.72	0.00	695.04
MW-60	726.76	5/31/2021	ND	31.98	0.00	694.78
MW-60	726.76	6/7/2021	ND	31.99	0.00	694.77
MW-60	726.76	6/14/2021	ND	32.23	0.00	694.53
MW-60	726.76	6/21/2021	ND	32.39	0.00	694.37
MW-60	726.76	7/1/2021	ND	32.58	0.00	694.18
MW-60	726.76	7/6/2021	ND	32.77	0.00	693.99
MW-60	726.76	7/14/2021	ND	32.99	0.00	693.77
MW-60	726.46	7/28/2021	ND	33.14	0.00	693.32
MW-60	726.46	8/2/2021	ND	33.40	0.00	693.06
MW-60	726.46	8/16/2021	ND	33.65	0.00	692.81
MW-60	726.46	8/26/2021	ND	31.12	0.00	695.34
MW-60	726.46	8/30/2021	ND	33.09	0.00	693.37
MW-60	726.46	9/14/2021	ND	34.30	0.00	692.16
MW-60	726.46	9/23/2021	ND	34.50	0.00	691.96
MW-60	726.46	10/6/2021	ND	34.70	0.00	691.76
MW-60	726.46	10/12/2021	ND	34.88	0.00	691.58
MW-60	726.46	10/18/2021	ND	35.06	0.00	691.40
MW-60	726.46	10/27/2021	ND	35.22	0.00	691.24
MW-60	726.46	11/1/2021	ND	35.43	0.00	691.03
MW-60	726.46	11/15/2021	ND	35.71	0.00	690.75
MW-61	746.57	11/9/2020	ND	52.13	0.00	694.44
MW-61	746.57	11/18/2020	NM	NM	NM	NM
MW-61	746.57	11/23/2020	ND	54.01	0.00	692.56
MW-61	746.57	12/7/2020	ND	54.29	0.00	692.28
MW-61	746.57	12/21/2020	ARP	ARP	ARP	ARP
MW-61	746.57	12/26/2020	54.43	54.96	0.53	692.00
MW-61	746.57	1/10/2021	ARP	ARP	ARP	ARP
MW-61	746.57	1/19/2021	ARP	ARP	ARP	ARP
MW-61	746.57	1/25/2021	ARP	ARP	ARP	ARP
MW-61	746.57	2/1/2021	54.76	55.03	0.27	691.73
MW-61	746.57	2/8/2021	ARP	ARP	ARP	ARP
MW-61	746.57	2/16/2021	ARP	ARP	ARP	ARP
MW-61	746.57	2/22/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-61	746.57	3/4/2021	54.61	55.37	0.76	691.76
MW-61	746.57	3/8/2021	ARP	ARP	ARP	ARP
MW-61	746.57	3/15/2021	ARP	ARP	ARP	ARP
MW-61	746.57	3/22/2021	ARP	ARP	ARP	ARP
MW-61	746.60	4/1/2021	54.86	55.06	0.20	691.68
MW-61	746.60	4/12/2021	ARP	ARP	ARP	ARP
MW-61	746.60	4/19/2021	ARP	ARP	ARP	ARP
MW-61	746.60	4/29/2021	54.80	55.18	0.38	691.69
MW-61	746.60	5/3/2021	ARP	ARP	ARP	ARP
MW-61	746.60	5/10/2021	ARP	ARP	ARP	ARP
MW-61	746.60	5/18/2021	ARP	ARP	ARP	ARP
MW-61	746.60	5/26/2021	54.83	55.08	0.25	691.70
MW-61	746.60	5/31/2021	ARP	ARP	ARP	ARP
MW-61	746.60	6/7/2021	ARP	ARP	ARP	ARP
MW-61	746.60	6/14/2021	ARP	ARP	ARP	ARP
MW-61	746.60	6/21/2021	ARP	ARP	ARP	ARP
MW-61	746.60	7/1/2021	ND	55.28	0.00	691.32
MW-61	746.60	7/6/2021	ARP	ARP	ARP	ARP
MW-61	746.60	7/14/2021	ND	55.35	0.00	691.25
MW-61	746.60	7/28/2021	55.60	55.61	0.01	691.00
MW-61	746.60	8/16/2021	ARP	ARP	ARP	ARP
MW-61	746.60	8/26/2021	56.17	56.25	0.08	690.41
MW-61	746.60	8/30/2021	ARP	ARP	ARP	ARP
MW-61	746.60	9/16/2021	ND	56.66	0.00	689.94
MW-61	746.60	9/23/2021	ND	56.78	0.00	689.82
MW-61	746.60	10/6/2021	ARP	ARP	ARP	ARP
MW-61	746.60	10/12/2021	ARP	ARP	ARP	ARP
MW-61	746.60	10/18/2021	ARP	ARP	ARP	ARP
MW-61	746.60	10/27/2021	ND	57.51	0.00	689.09
MW-61	746.60	11/1/2021	ARP	ARP	ARP	ARP
MW-62	729.79	11/23/2020	NM	NM	NM	NM
MW-62	729.79	12/7/2020	ND	36.95	0.00	692.84
MW-62	729.79	12/21/2020	ND	36.91	0.00	692.88
MW-62	729.79	12/26/2020	ND	36.98	0.00	692.81
MW-62	729.79	1/10/2021	ND	36.85	0.00	692.94
MW-62	729.79	1/19/2021	ND	36.76	0.00	693.03
MW-62	729.79	1/25/2021	ND	36.54	0.00	693.25
MW-62	729.79	2/1/2021	ND	36.54	0.00	693.25
MW-62	729.79	2/8/2021	ND	36.61	0.00	693.18
MW-62	729.79	2/16/2021	ND	36.45	0.00	693.34
MW-62	729.79	2/22/2021	ND	36.31	0.00	693.48

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-62	729.79	3/4/2021	ND	36.13	0.00	693.66
MW-62	729.79	3/8/2021	ND	36.16	0.00	693.63
MW-62	729.79	3/15/2021	ND	36.00	0.00	693.79
MW-62	729.79	3/22/2021	ND	35.87	0.00	693.92
MW-62	729.79	4/1/2021	ND	35.67	0.00	694.12
MW-62	729.79	4/12/2021	ND	35.38	0.00	694.41
MW-62	729.79	4/19/2021	ND	35.23	0.00	694.56
MW-62	729.79	4/29/2021	ND	35.10	0.00	694.69
MW-62	729.79	5/3/2021	ND	35.05	0.00	694.74
MW-62	729.79	5/10/2021	ND	35.80	0.00	693.99
MW-62	729.79	5/18/2021	ND	35.18	0.00	694.61
MW-62	729.79	5/26/2021	ND	35.18	0.00	694.61
MW-62	729.79	5/31/2021	ND	35.32	0.00	694.47
MW-62	729.79	6/7/2021	ND	35.31	0.00	694.48
MW-62	729.79	6/14/2021	ND	35.45	0.00	694.34
MW-62	729.79	6/21/2021	ND	35.55	0.00	694.24
MW-62	729.79	7/1/2021	ND	35.69	0.00	694.10
MW-62	729.79	7/6/2021	ND	36.85	0.00	692.94
MW-62	729.79	7/14/2021	ND	36.04	0.00	693.75
MW-62	729.79	7/28/2021	ND	36.16	0.00	693.63
MW-62	729.79	8/2/2021	ND	36.35	0.00	693.44
MW-62	729.79	8/16/2021	ND	36.56	0.00	693.23
MW-62	729.79	8/26/2021	ND	36.74	0.00	693.05
MW-62	729.79	8/30/2021	ND	36.74	0.00	693.05
MW-62	729.79	9/14/2021	ND	36.97	0.00	692.82
MW-62	729.79	9/23/2021	ND	37.23	0.00	692.56
MW-62	729.79	10/6/2021	ND	37.41	0.00	692.38
MW-62	729.79	10/12/2021	ND	37.57	0.00	692.22
MW-62	729.79	10/18/2021	ND	37.73	0.00	692.06
MW-62	729.79	10/27/2021	ND	37.91	0.00	691.88
MW-62	729.79	11/1/2021	ND	37.99	0.00	691.80
MW-62	729.79	11/15/2021	ND	38.02	0.00	691.77
MW-63	725.76	11/23/2020	ND	39.44	0.00	686.32
MW-63	725.76	12/7/2020	ND	39.37	0.00	686.39
MW-63	725.76	12/21/2020	ND	39.70	0.00	686.06
MW-63	725.76	12/26/2020	ND	39.69	0.00	686.07
MW-63	725.76	1/10/2021	ND	39.95	0.00	685.81
MW-63	725.76	1/19/2021	ND	40.83	0.00	684.93
MW-63	725.76	1/25/2021	ND	40.88	0.00	684.88
MW-63	725.76	2/1/2021	ND	40.82	0.00	684.94
MW-63	725.76	2/8/2021	ND	41.24	0.00	684.52

Table 3
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-63	725.76	2/16/2021	ND	40.90	0.00	684.86
MW-63	725.76	2/22/2021	ND	40.85	0.00	684.91
MW-63	725.76	3/4/2021	ND	40.54	0.00	685.22
MW-63	725.76	3/8/2021	ND	40.70	0.00	685.06
MW-63	725.76	3/15/2021	ND	40.73	0.00	685.03
MW-63	725.76	3/22/2021	ND	40.69	0.00	685.07
MW-63	725.76	4/1/2021	ND	40.43	0.00	685.33
MW-63	725.76	4/12/2021	ND	40.54	0.00	685.22
MW-63	725.76	4/19/2021	ND	45.30	0.00	680.46
MW-63	725.76	4/29/2021	ND	40.24	0.00	685.52
MW-63	725.76	5/3/2021	ND	40.31	0.00	685.45
MW-63	725.76	5/10/2021	ND	40.21	0.00	685.55
MW-63	725.76	5/18/2021	ND	40.28	0.00	685.48
MW-63	725.76	5/26/2021	ND	40.10	0.00	685.66
MW-63	725.76	5/31/2021	ND	40.33	0.00	685.43
MW-63	725.76	6/7/2021	ND	40.49	0.00	685.27
MW-63	725.76	6/14/2021	ND	40.53	0.00	685.23
MW-63	725.76	6/21/2021	ND	40.59	0.00	685.17
MW-63	725.76	7/1/2021	ND	40.55	0.00	685.21
MW-63	725.76	7/6/2021	ND	40.83	0.00	684.93
MW-63	725.76	7/14/2021	ND	40.65	0.00	685.11
MW-63	725.76	7/28/2021	ND	41.15	0.00	684.61
MW-63	725.76	8/2/2021	ND	41.52	0.00	684.24
MW-63	725.76	8/16/2021	ND	41.85	0.00	683.91
MW-63	725.76	8/26/2021	ND	41.96	0.00	683.80
MW-63	725.76	8/30/2021	ND	42.38	0.00	683.38
MW-63	725.76	9/14/2021	ND	42.98	0.00	682.78
MW-63	725.76	9/23/2021	ND	43.05	0.00	682.71
MW-63	725.76	10/6/2021	ND	43.76	0.00	682.00
MW-63	725.76	10/12/2021	ND	43.90	0.00	681.86
MW-63	725.76	10/18/2021	ND	44.09	0.00	681.67
MW-63	725.76	10/27/2021	ND	44.05	0.00	681.71
MW-63	725.76	11/1/2021	44.47	44.50	0.03	681.28
MW-64	730.39	12/26/2020	ND	38.24	0.00	692.15
MW-64	730.39	1/10/2021	ND	38.30	0.00	692.09
MW-64	730.39	1/19/2021	ND	38.24	0.00	692.15
MW-64	730.39	1/25/2021	ND	38.18	0.00	692.21
MW-64	730.39	2/1/2021	ND	38.24	0.00	692.15
MW-64	730.39	2/8/2021	ND	38.39	0.00	692.00
MW-64	730.39	2/16/2021	ND	38.19	0.00	692.20
MW-64	730.39	2/22/2021	ND	38.14	0.00	692.25

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-64	730.39	3/4/2021	ND	38.14	0.00	692.25
MW-64	730.39	3/8/2021	ND	38.23	0.00	692.16
MW-64	730.39	3/15/2021	ND	38.12	0.00	692.27
MW-64	730.39	3/22/2021	ND	38.07	0.00	692.32
MW-64	730.39	4/1/2021	ND	37.91	0.00	692.48
MW-64	730.39	4/12/2021	ND	37.86	0.00	692.53
MW-64	730.39	4/19/2021	ND	37.86	0.00	692.53
MW-64	730.39	4/29/2021	ND	37.76	0.00	692.63
MW-64	730.39	5/3/2021	ND	37.69	0.00	692.70
MW-64	730.39	5/10/2021	ND	37.72	0.00	692.67
MW-64	730.39	5/18/2021	ND	37.78	0.00	692.61
MW-64	730.39	5/26/2021	ND	37.79	0.00	692.60
MW-64	730.39	5/31/2021	ND	37.92	0.00	692.47
MW-64	730.39	6/7/2021	ND	37.83	0.00	692.56
MW-64	730.39	6/14/2021	ND	37.92	0.00	692.47
MW-64	730.39	6/21/2021	ND	38.01	0.00	692.38
MW-64	730.39	7/1/2021	ND	38.16	0.00	692.23
MW-64	730.39	7/6/2021	ND	38.27	0.00	692.12
MW-64	730.39	7/14/2021	ND	38.35	0.00	692.04
MW-64	730.39	7/28/2021	ND	38.57	0.00	691.82
MW-64	730.39	8/2/2021	ND	38.71	0.00	691.68
MW-64	730.39	8/16/2021	ND	38.93	0.00	691.46
MW-64	730.39	8/26/2021	ND	39.14	0.00	691.25
MW-64	730.39	8/30/2021	ND	39.22	0.00	691.17
MW-64	730.39	9/14/2021	ND	39.47	0.00	690.92
MW-64	730.39	9/23/2021	ND	39.70	0.00	690.69
MW-64	730.39	10/6/2021	ND	39.96	0.00	690.43
MW-64	730.39	10/12/2021	ND	40.05	0.00	690.34
MW-64	730.39	10/18/2021	ND	40.25	0.00	690.14
MW-64	730.39	10/27/2021	ND	40.41	0.00	689.98
MW-64	730.39	11/1/2021	ND	40.59	0.00	689.8
MW-64	730.39	11/15/2021	ND	40.86	0.00	689.53
MW-65	714.46	12/26/2020	ND	23.38	0.00	691.08
MW-65	714.46	1/10/2021	ND	23.17	0.00	691.29
MW-65	714.46	1/19/2021	ND	23.11	0.00	691.35
MW-65	714.46	1/25/2021	ND	23.08	0.00	691.38
MW-65	714.46	2/1/2021	ND	23.06	0.00	691.40
MW-65	714.46	2/8/2021	ND	23.08	0.00	691.38
MW-65	714.46	2/16/2021	ND	22.89	0.00	691.57
MW-65	714.46	2/22/2021	ND	22.68	0.00	691.78
MW-65	714.46	3/4/2021	ND	22.45	0.00	692.01

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-65	714.46	3/8/2021	ND	22.48	0.00	691.98
MW-65	714.46	3/15/2021	ND	22.36	0.00	692.10
MW-65	714.46	3/22/2021	ND	22.31	0.00	692.15
MW-65	714.46	4/1/2021	ND	22.03	0.00	692.43
MW-65	714.46	4/12/2021	ND	21.84	0.00	692.62
MW-65	714.46	4/19/2021	ND	21.87	0.00	692.59
MW-65	714.46	4/29/2021	ND	21.94	0.00	692.52
MW-65	714.46	5/3/2021	ND	21.96	0.00	692.50
MW-65	714.46	5/10/2021	ND	22.08	0.00	692.38
MW-65	714.46	5/18/2021	ND	22.28	0.00	692.18
MW-65	714.46	5/26/2021	ND	22.41	0.00	692.05
MW-65	714.46	5/31/2021	ND	22.56	0.00	691.90
MW-65	714.46	6/7/2021	ND	22.65	0.00	691.81
MW-65	714.46	6/14/2021	ND	22.72	0.00	691.74
MW-65	714.46	6/21/2021	ND	22.85	0.00	691.61
MW-65	714.46	7/1/2021	ND	23.06	0.00	691.40
MW-65	714.46	7/6/2021	ND	23.20	0.00	691.26
MW-65	714.46	7/14/2021	ND	23.39	0.00	691.07
MW-65	714.46	7/28/2021	ND	23.51	0.00	690.95
MW-65	714.46	8/2/2021	ND	23.67	0.00	690.79
MW-65	714.46	8/16/2021	ND	23.91	0.00	690.55
MW-65	714.46	8/26/2021	ND	24.12	0.00	690.34
MW-65	714.46	8/30/2021	ND	24.18	0.00	690.28
MW-65	714.46	9/14/2021	ND	24.43	0.00	690.03
MW-65	714.46	9/23/2021	ND	24.68	0.00	689.78
MW-65	714.46	10/6/2021	ND	24.91	0.00	689.55
MW-65	714.46	10/12/2021	ND	25.01	0.00	689.45
MW-65	714.46	10/18/2021	ND	25.22	0.00	689.24
MW-65	714.46	10/27/2021	ND	25.38	0.00	689.08
MW-65	714.46	11/1/2021	ND	25.53	0.00	688.93
MW-65	714.46	11/15/2021	ND	25.82	0.00	688.64
MW-66	731.43	12/26/2020	ND	40.59	0.00	690.84
MW-66	731.43	1/10/2021	ND	38.40	0.00	693.03
MW-66	731.43	1/19/2021	ND	38.36	0.00	693.07
MW-66	731.43	1/25/2021	ND	28.38	0.00	703.05
MW-66	731.43	2/1/2021	ND	38.48	0.00	692.95
MW-66	731.43	2/8/2021	ND	38.69	0.00	692.74
MW-66	731.43	2/16/2021	ND	38.49	0.00	692.94
MW-66	731.43	2/22/2021	ND	38.46	0.00	692.97
MW-66	731.43	3/4/2021	ND	38.43	0.00	693.00
MW-66	731.43	3/8/2021	ND	38.54	0.00	692.89

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-66	731.43	3/15/2021	ND	38.50	0.00	692.93
MW-66	731.43	3/22/2021	ND	38.57	0.00	692.86
MW-66	731.43	4/1/2021	ND	38.46	0.00	692.97
MW-66	731.43	4/12/2021	ND	38.35	0.00	693.08
MW-66	731.43	4/19/2021	ND	38.34	0.00	693.09
MW-66	731.43	4/29/2021	ND	38.28	0.00	693.15
MW-66	731.43	5/3/2021	ND	38.21	0.00	693.22
MW-66	731.43	5/10/2021	ND	38.38	0.00	693.05
MW-66	731.43	5/18/2021	ND	38.58	0.00	692.85
MW-66	731.43	5/26/2021	ND	38.62	0.00	692.81
MW-66	731.43	5/31/2021	ND	38.81	0.00	692.62
MW-66	731.43	6/7/2021	ND	38.82	0.00	692.61
MW-66	731.43	6/14/2021	ND	38.91	0.00	692.52
MW-66	731.43	6/21/2021	ND	38.95	0.00	692.48
MW-66	731.43	7/1/2021	ND	39.22	0.00	692.21
MW-66	731.43	7/6/2021	ND	39.40	0.00	692.03
MW-66	731.43	7/14/2021	ND	39.52	0.00	691.91
MW-66	731.43	7/28/2021	ND	39.78	0.00	691.65
MW-66	731.43	8/2/2021	ND	39.96	0.00	691.47
MW-66	731.43	8/16/2021	ND	40.14	0.00	691.29
MW-66	731.43	8/26/2021	ND	43.30	0.00	688.13
MW-66	731.43	8/30/2021	ND	40.46	0.00	690.97
MW-66	731.43	9/14/2021	ND	40.79	0.00	690.64
MW-66	731.43	9/23/2021	ND	40.91	0.00	690.52
MW-66	731.43	10/6/2021	ND	41.23	0.00	690.20
MW-66	731.43	10/12/2021	ND	41.41	0.00	690.02
MW-66	731.43	10/18/2021	ND	41.58	0.00	689.85
MW-66	731.43	10/27/2021	ND	41.68	0.00	689.75
MW-66	731.43	11/1/2021	ND	41.84	0.00	689.59
MW-66	731.43	11/15/2021	ND	42.19	0.00	689.24
MW-67	724.32	12/26/2020	ND	32.06	0.00	692.26
MW-67	724.32	1/10/2021	ND	30.96	0.00	693.36
MW-67	724.32	1/19/2021	ND	30.93	0.00	693.39
MW-67	724.32	1/25/2021	ND	30.93	0.00	693.39
MW-67	724.32	2/1/2021	ND	31.02	0.00	693.30
MW-67	724.32	2/8/2021	ND	31.20	0.00	693.12
MW-67	724.32	2/16/2021	ND	31.06	0.00	693.26
MW-67	724.32	2/22/2021	ND	31.00	0.00	693.32
MW-67	724.32	3/4/2021	ND	30.98	0.00	693.34
MW-67	724.32	3/8/2021	ND	31.07	0.00	693.25
MW-67	724.32	3/15/2021	ND	31.02	0.00	693.30

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-67	724.32	3/22/2021	ND	31.04	0.00	693.28
MW-67	724.32	4/1/2021	ND	30.95	0.00	693.37
MW-67	724.32	4/12/2021	ND	30.77	0.00	693.55
MW-67	724.32	4/19/2021	ND	30.75	0.00	693.57
MW-67	724.32	4/29/2021	ND	30.70	0.00	693.62
MW-67	724.32	5/3/2021	ND	30.65	0.00	693.67
MW-67	724.32	5/10/2021	ND	30.76	0.00	693.56
MW-67	724.32	5/18/2021	ND	31.00	0.00	693.32
MW-67	724.32	5/26/2021	ND	31.08	0.00	693.24
MW-67	724.32	5/31/2021	ND	31.27	0.00	693.05
MW-67	724.32	6/7/2021	ND	31.29	0.00	693.03
MW-67	724.32	6/14/2021	ND	31.42	0.00	692.90
MW-67	724.32	6/21/2021	ND	31.48	0.00	692.84
MW-67	724.32	7/1/2021	ND	31.73	0.00	692.59
MW-67	724.32	7/6/2021	ND	31.90	0.00	692.42
MW-67	724.32	7/14/2021	ND	32.06	0.00	692.26
MW-67	724.32	7/28/2021	ND	32.29	0.00	692.03
MW-67	724.32	8/2/2021	ND	32.45	0.00	691.87
MW-67	724.32	8/16/2021	ND	32.67	0.00	691.65
MW-67	724.32	8/26/2021	ND	32.87	0.00	691.45
MW-67	724.32	8/30/2021	ND	32.95	0.00	691.37
MW-67	724.32	9/14/2021	ND	33.25	0.00	691.07
MW-67	724.32	9/23/2021	ND	33.48	0.00	690.84
MW-67	724.32	10/6/2021	ND	33.71	0.00	690.61
MW-67	724.32	10/12/2021	ND	33.85	0.00	690.47
MW-67	724.32	10/18/2021	ND	34.05	0.00	690.27
MW-67	724.32	10/27/2021	ND	34.18	0.00	690.14
MW-67	724.32	11/1/2021	ND	42.32	0.00	682.00
MW-67	724.32	11/15/2021	ND	34.62	0.00	689.70
MW-68	731.84	12/26/2020	ND	38.03	0.00	693.81
MW-68	731.84	1/10/2021	ND	38.12	0.00	693.72
MW-68	731.84	1/19/2021	ND	38.09	0.00	693.75
MW-68	731.84	1/25/2021	ND	28.22	0.00	703.62
MW-68	731.84	2/1/2021	ND	38.28	0.00	693.56
MW-68	731.84	2/8/2021	ND	38.55	0.00	693.29
MW-68	731.84	2/16/2021	ND	38.38	0.00	693.46
MW-68	731.84	2/22/2021	ND	38.30	0.00	693.54
MW-68	731.84	3/4/2021	ND	38.28	0.00	693.56
MW-68	731.84	3/8/2021	ND	38.47	0.00	693.37
MW-68	731.84	3/15/2021	ND	38.60	0.00	693.24
MW-68	731.84	3/22/2021	ND	38.63	0.00	693.21

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-68	731.84	4/1/2021	ND	38.36	0.00	693.48
MW-68	731.84	4/12/2021	ND	38.18	0.00	693.66
MW-68	731.84	4/19/2021	ND	38.19	0.00	693.65
MW-68	731.84	4/29/2021	ND	38.09	0.00	693.75
MW-68	731.84	5/3/2021	ND	38.00	0.00	693.84
MW-68	731.84	5/10/2021	ND	38.29	0.00	693.55
MW-68	731.84	5/18/2021	ND	38.75	0.00	693.09
MW-68	731.84	5/26/2021	ND	38.72	0.00	693.12
MW-68	731.84	5/31/2021	ND	39.13	0.00	692.71
MW-68	731.84	6/7/2021	ND	41.49	0.00	690.35
MW-68	731.84	6/14/2021	ND	39.40	0.00	692.44
MW-68	731.84	6/21/2021	ND	39.15	0.00	692.69
MW-68	731.84	7/1/2021	ND	39.55	0.00	692.29
MW-68	731.84	7/6/2021	ND	40.00	0.00	691.84
MW-68	731.84	7/14/2021	ND	39.95	0.00	691.89
MW-68	731.84	7/28/2021	ND	40.33	0.00	691.51
MW-68	731.84	8/2/2021	ND	40.55	0.00	691.29
MW-68	731.84	8/16/2021	ND	40.73	0.00	691.11
MW-68	731.84	8/26/2021	ND	42.20	0.00	689.64
MW-68	731.84	8/30/2021	ND	41.02	0.00	690.82
MW-68	731.84	9/14/2021	ND	41.12	0.00	690.72
MW-68	731.84	9/23/2021	ND	41.32	0.00	690.52
MW-68	731.84	10/6/2021	ND	41.80	0.00	690.04
MW-68	731.84	10/12/2021	ND	41.94	0.00	689.90
MW-68	731.84	10/18/2021	ND	42.13	0.00	689.71
MW-68	731.84	10/27/2021	ND	42.05	0.00	689.79
MW-68	731.84	11/1/2021	ND	42.37	0.00	689.47
MW-68	731.84	11/15/2021	ND	42.68	0.00	689.16
MW-69	741.74	12/26/2020	ND	49.96	0.00	691.78
MW-69	741.74	1/10/2021	ND	49.70	0.00	692.04
MW-69	741.74	1/19/2021	ND	50.19	0.00	691.55
MW-69	741.74	1/25/2021	ND	50.17	0.00	691.57
MW-69	741.74	2/1/2021	ND	50.18	0.00	691.56
MW-69	741.74	2/8/2021	ND	50.44	0.00	691.30
MW-69	741.74	2/16/2021	ND	50.12	0.00	691.62
MW-69	741.74	2/22/2021	ND	50.13	0.00	691.61
MW-69	741.74	3/4/2021	ND	50.14	0.00	691.60
MW-69	741.74	3/8/2021	ND	50.29	0.00	691.45
MW-69	741.74	3/15/2021	ND	50.25	0.00	691.49
MW-69	741.74	3/22/2021	ND	50.24	0.00	691.50
MW-69	741.74	4/1/2021	ND	50.19	0.00	691.55

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-69	741.74	4/12/2021	ND	50.52	0.00	691.22
MW-69	741.74	4/19/2021	ND	50.54	0.00	691.20
MW-69	741.74	4/29/2021	ND	50.15	0.00	691.59
MW-69	741.74	5/3/2021	ND	50.41	0.00	691.33
MW-69	741.74	5/10/2021	ND	50.72	0.00	691.02
MW-69	741.74	5/18/2021	ND	50.50	0.00	691.24
MW-69	741.74	5/26/2021	ND	50.11	0.00	691.63
MW-69	741.74	5/31/2021	ND	50.33	0.00	691.41
MW-69	741.74	6/7/2021	ND	50.38	0.00	691.36
MW-69	741.74	6/14/2021	ND	50.08	0.00	691.66
MW-69	741.74	6/21/2021	ND	50.56	0.00	691.18
MW-69	741.74	7/1/2021	ND	50.31	0.00	691.43
MW-69	741.74	7/6/2021	ND	50.45	0.00	691.29
MW-69	741.74	7/14/2021	ND	50.48	0.00	691.26
MW-69	741.74	7/28/2021	ND	50.81	0.00	690.93
MW-69	741.74	8/2/2021	ND	51.21	0.00	690.53
MW-69	741.74	8/16/2021	ND	51.29	0.00	690.45
MW-69	741.74	8/26/2021	ND	51.29	0.00	690.45
MW-69	741.74	8/30/2021	ND	51.85	0.00	689.89
MW-69	741.74	9/14/2021	ND	52.09	0.00	689.65
MW-69	741.74	9/23/2021	ND	51.85	0.00	689.89
MW-69	741.74	10/6/2021	ND	52.66	0.00	689.08
MW-69	741.74	10/12/2021	ND	52.60	0.00	689.14
MW-69	741.74	10/18/2021	ND	52.77	0.00	688.97
MW-69	741.74	10/27/2021	ND	52.60	0.00	689.14
MW-69	741.74	11/1/2021	ND	52.98	0.00	688.76
MW-69	741.74	11/15/2021	ND	53.39	0.00	688.35
MW-70	728.08	12/26/2020	ND	35.82	0.00	692.26
MW-70	728.08	1/10/2021	ND	35.83	0.00	692.25
MW-70	728.08	1/19/2021	ND	35.86	0.00	692.22
MW-70	728.08	1/25/2021	ND	35.82	0.00	692.26
MW-70	728.08	2/1/2021	ND	35.85	0.00	692.23
MW-70	728.08	2/8/2021	ND	36.01	0.00	692.07
MW-70	728.08	2/16/2021	ND	35.82	0.00	692.26
MW-70	728.08	2/22/2021	ND	35.79	0.00	692.29
MW-70	728.08	3/4/2021	ND	35.76	0.00	692.32
MW-70	728.08	3/8/2021	ND	35.85	0.00	692.23
MW-70	728.08	3/15/2021	ND	35.75	0.00	692.33
MW-70	728.08	3/22/2021	ND	35.70	0.00	692.38
MW-70	728.08	4/1/2021	ND	35.59	0.00	692.49
MW-70	728.08	4/12/2021	ND	35.53	0.00	692.55

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-70	728.08	4/19/2021	ND	35.53	0.00	692.55
MW-70	728.08	4/29/2021	ND	35.42	0.00	692.66
MW-70	728.08	5/3/2021	ND	35.36	0.00	692.72
MW-70	728.08	5/10/2021	ND	35.41	0.00	692.67
MW-70	728.08	5/18/2021	ND	35.45	0.00	692.63
MW-70	728.08	5/26/2021	ND	35.48	0.00	692.60
MW-70	728.08	5/31/2021	ND	35.63	0.00	692.45
MW-70	728.08	6/7/2021	ND	35.50	0.00	692.58
MW-70	728.08	6/14/2021	ND	35.62	0.00	692.46
MW-70	728.08	6/21/2021	ND	35.71	0.00	692.37
MW-70	728.08	7/1/2021	ND	35.87	0.00	692.21
MW-70	728.08	7/6/2021	ND	35.98	0.00	692.10
MW-70	728.08	7/14/2021	ND	36.10	0.00	691.98
MW-70	728.08	7/28/2021	ND	36.32	0.00	691.76
MW-70	728.08	8/2/2021	ND	36.46	0.00	691.62
MW-70	728.08	8/16/2021	ND	36.65	0.00	691.43
MW-70	728.08	8/26/2021	ND	36.90	0.00	691.18
MW-70	728.08	8/30/2021	ND	36.95	0.00	691.13
MW-70	728.08	9/14/2021	ND	37.24	0.00	690.84
MW-70	728.08	9/23/2021	ND	37.45	0.00	690.63
MW-70	728.08	10/6/2021	ND	37.71	0.00	690.37
MW-70	728.08	10/12/2021	ND	37.80	0.00	690.28
MW-70	728.08	10/18/2021	ND	38.00	0.00	690.08
MW-70	728.08	10/27/2021	ND	38.15	0.00	689.93
MW-70	728.08	11/1/2021	ND	38.30	0.00	689.78
MW-70	728.08	11/15/2021	ND	38.60	0.00	689.48
MW-71	746.97	1/19/2021	ND	52.15	0.00	694.82
MW-71	746.97	1/25/2021	ND	55.34	0.00	691.63
MW-71	746.97	2/1/2021	ND	55.33	0.00	691.64
MW-71	746.97	2/8/2021	ND	55.61	0.00	691.36
MW-71	746.97	2/16/2021	ND	55.31	0.00	691.66
MW-71	746.97	2/22/2021	ND	55.25	0.00	691.72
MW-71	746.97	3/4/2021	ND	55.26	0.00	691.71
MW-71	746.97	3/8/2021	ND	55.40	0.00	691.57
MW-71	746.97	3/15/2021	ND	55.42	0.00	691.55
MW-71	746.97	3/22/2021	ND	55.41	0.00	691.56
MW-71	746.97	4/1/2021	ND	55.36	0.00	691.61
MW-71	746.97	4/12/2021	ND	55.46	0.00	691.51
MW-71	746.97	4/19/2021	ND	55.47	0.00	691.50
MW-71	746.97	4/29/2021	ND	55.32	0.00	691.65
MW-71	746.97	5/3/2021	ND	55.37	0.00	691.60

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-71	746.97	5/10/2021	ND	55.51	0.00	691.46
MW-71	746.97	5/18/2021	ND	55.46	0.00	691.51
MW-71	746.97	5/26/2021	ND	55.32	0.00	691.65
MW-71	746.97	5/31/2021	ND	55.44	0.00	691.53
MW-71	746.97	6/7/2021	ND	55.48	0.00	691.49
MW-71	746.97	6/14/2021	ND	55.32	0.00	691.65
MW-71	746.97	6/21/2021	ND	55.56	0.00	691.41
MW-71	746.97	7/1/2021	ND	55.58	0.00	691.39
MW-71	746.97	7/6/2021	ND	55.74	0.00	691.23
MW-71	746.97	7/14/2021	ND	55.72	0.00	691.25
MW-71	746.97	7/28/2021	ND	56.06	0.00	690.91
MW-71	746.97	8/2/2021	ND	56.24	0.00	690.73
MW-71	746.97	8/16/2021	ND	56.39	0.00	690.58
MW-71	746.97	8/26/2021	ND	56.56	0.00	690.41
MW-71	746.97	8/30/2021	ND	56.85	0.00	690.12
MW-71	746.97	9/14/2021	ND	57.72	0.00	689.25
MW-71	746.97	9/23/2021	ND	57.14	0.00	689.83
MW-71	746.97	10/6/2021	ND	57.68	0.00	689.29
MW-71	746.97	10/12/2021	ND	57.74	0.00	689.23
MW-71	746.97	10/18/2021	ND	57.89	0.00	689.08
MW-71	746.97	10/27/2021	ND	57.87	0.00	689.10
MW-71	746.97	11/1/2021	ND	58.08	0.00	688.89
MW-71	746.97	11/15/2021	ND	58.54	0.00	688.43
MW-72	734.81	1/19/2021	ND	43.87	0.00	690.94
MW-72	734.81	1/25/2021	ND	45.33	0.00	689.48
MW-72	734.81	2/1/2021	ND	45.43	0.00	689.38
MW-72	734.81	2/8/2021	ND	45.64	0.00	689.17
MW-72	734.81	2/16/2021	ND	45.53	0.00	689.28
MW-72	734.81	2/22/2021	ND	45.43	0.00	689.38
MW-72	734.81	3/4/2021	ND	45.45	0.00	689.36
MW-72	734.81	3/8/2021	ND	45.58	0.00	689.23
MW-72	734.81	3/15/2021	ND	45.53	0.00	689.28
MW-72	734.81	3/22/2021	ND	45.51	0.00	689.30
MW-72	734.81	4/1/2021	ND	45.46	0.00	689.35
MW-72	734.81	4/12/2021	45.29	45.70	0.41	689.41
MW-72	734.81	4/19/2021	45.16	45.71	0.55	689.50
MW-72	734.81	4/29/2021	ND	47.81	0.00	687.00
MW-72	734.81	5/3/2021	ND	44.74	0.00	690.07
MW-72	734.81	5/10/2021	ARP	ARP	ARP	ARP
MW-72	734.81	5/18/2021	ARP	ARP	ARP	ARP
MW-72	734.81	5/26/2021	42.34	42.57	0.23	692.41

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-72	734.81	5/31/2021	ARP	ARP	ARP	ARP
MW-72	734.81	6/7/2021	ARP	ARP	ARP	ARP
MW-72	734.81	6/14/2021	ARP	ARP	ARP	ARP
MW-72	734.81	6/21/2021	ARP	ARP	ARP	ARP
MW-72	734.81	7/1/2021	42.53	42.73	0.20	692.23
MW-72	734.81	7/6/2021	ARP	ARP	ARP	ARP
MW-72	734.81	7/14/2021	42.59	43.08	0.49	692.09
MW-72	734.81	7/28/2021	43.02	43.21	0.19	691.74
MW-72	734.81	8/16/2021	ARP	ARP	ARP	ARP
MW-72	734.81	8/26/2021	ND	43.75	0.00	691.06
MW-72	734.81	8/30/2021	ARP	ARP	ARP	ARP
MW-72	734.81	9/16/2021	ND	44.25	0.00	690.56
MW-72R	734.81	9/23/2021	ND	44.40	0.00	690.41
MW-72R	734.81	10/6/2021	ARP	ARP	ARP	ARP
MW-72R	734.81	10/12/2021	ARP	ARP	ARP	ARP
MW-72R	734.81	10/18/2021	ARP	ARP	ARP	ARP
MW-72R	734.81	10/27/2021	ND	45.03	0.00	689.78
MW-72R	734.81	11/1/2021	ARP	ARP	ARP	ARP
MW-73	726.44	1/25/2021	ND	32.67	0.00	693.77
MW-73	726.44	2/1/2021	ND	32.68	0.00	693.76
MW-73	726.44	2/8/2021	ND	32.75	0.00	693.69
MW-73	726.44	2/16/2021	ND	32.54	0.00	693.90
MW-73	726.44	2/22/2021	ND	32.17	0.00	694.27
MW-73	726.44	3/4/2021	ND	31.94	0.00	694.50
MW-73	726.44	3/8/2021	ND	31.99	0.00	694.45
MW-73	726.44	3/15/2021	ND	31.86	0.00	694.58
MW-73	726.44	3/22/2021	ND	31.71	0.00	694.73
MW-73	726.44	4/1/2021	ND	31.39	0.00	695.05
MW-73	726.44	4/12/2021	ND	31.07	0.00	695.37
MW-73	726.44	4/19/2021	ND	30.97	0.00	695.47
MW-73	726.44	4/29/2021	ND	30.97	0.00	695.47
MW-73	726.44	5/3/2021	ND	30.98	0.00	695.46
MW-73	726.44	5/10/2021	ND	31.12	0.00	695.32
MW-73	726.44	5/18/2021	ND	31.38	0.00	695.06
MW-73	726.44	5/26/2021	ND	31.48	0.00	694.96
MW-73	726.44	5/31/2021	ND	31.71	0.00	694.73
MW-73	726.44	6/7/2021	ND	31.75	0.00	694.69
MW-73	726.44	6/14/2021	ND	31.98	0.00	694.46
MW-73	726.44	6/21/2021	ND	32.15	0.00	694.29
MW-73	726.44	7/1/2021	ND	32.34	0.00	694.10
MW-73	726.44	7/6/2021	ND	32.55	0.00	693.89

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-73	726.44	7/14/2021	ND	32.75	0.00	693.69
MW-73	726.44	7/28/2021	ND	32.92	0.00	693.52
MW-73	726.44	8/2/2021	ND	33.14	0.00	693.30
MW-73	726.44	8/16/2021	ND	33.42	0.00	693.02
MW-73	726.44	8/26/2021	ND	33.52	0.00	692.92
MW-73	726.44	8/30/2021	ND	33.65	0.00	692.79
MW-73	726.44	9/14/2021	ND	34.02	0.00	692.42
MW-73	726.44	9/23/2021	ND	34.26	0.00	692.18
MW-73	726.44	10/6/2021	ND	34.52	0.00	691.92
MW-73	726.44	10/12/2021	ND	34.67	0.00	691.77
MW-73	726.44	10/18/2021	ND	34.87	0.00	691.57
MW-73	726.44	10/27/2021	ND	35.06	0.00	691.38
MW-73	726.44	11/1/2021	ND	35.22	0.00	691.22
MW-73	726.44	11/15/2021	ND	35.55	0.00	690.89
MW-74	713.48	2/16/2021	ND	20.72	0.00	692.76
MW-74	713.48	2/22/2021	ND	20.44	0.00	693.04
MW-74	713.48	3/4/2021	ND	20.26	0.00	693.22
MW-74	713.48	3/8/2021	ND	20.37	0.00	693.11
MW-74	713.48	3/15/2021	ND	20.25	0.00	693.23
MW-74	713.48	3/22/2021	ND	20.03	0.00	693.45
MW-74	713.48	4/1/2021	ND	19.72	0.00	693.76
MW-74	713.48	4/12/2021	ND	19.52	0.00	693.96
MW-74	713.48	4/19/2021	ND	19.52	0.00	693.96
MW-74	713.48	4/29/2021	ND	19.54	0.00	693.94
MW-74	713.48	5/3/2021	ND	19.54	0.00	693.94
MW-74	713.48	5/10/2021	ND	19.75	0.00	693.73
MW-74	713.48	5/18/2021	ND	30.07	0.00	683.41
MW-74	713.48	5/26/2021	ND	20.15	0.00	693.33
MW-74	713.48	5/31/2021	ND	20.43	0.00	693.05
MW-74	713.48	6/7/2021	ND	20.42	0.00	693.06
MW-74	713.48	6/14/2021	ND	20.64	0.00	692.84
MW-74	713.48	6/21/2021	ND	20.80	0.00	692.68
MW-74	713.48	7/1/2021	ND	20.99	0.00	692.49
MW-74	713.48	7/6/2021	ND	21.18	0.00	692.30
MW-74	713.48	7/14/2021	ND	21.39	0.00	692.09
MW-74	713.48	7/28/2021	ND	21.56	0.00	691.92
MW-74	713.48	8/2/2021	ND	21.70	0.00	691.78
MW-74	713.48	8/16/2021	ND	22.00	0.00	691.48
MW-74	713.48	8/26/2021	ND	22.24	0.00	691.24
MW-74	713.48	8/30/2021	ND	22.27	0.00	691.21
MW-74	713.48	9/14/2021	ND	22.58	0.00	690.90

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-74	713.48	9/23/2021	ND	22.88	0.00	690.60
MW-74	713.48	10/6/2021	ND	23.13	0.00	690.35
MW-74	713.48	10/12/2021	ND	23.23	0.00	690.25
MW-74	713.48	10/18/2021	ND	23.47	0.00	690.01
MW-74	713.48	10/27/2021	ND	23.66	0.00	689.82
MW-74	713.48	11/1/2021	ND	23.83	0.00	689.65
MW-74	713.48	11/15/2021	ND	24.14	0.00	689.34
MW-75	730.05	2/16/2021	ND	37.92	0.00	692.13
MW-75	730.05	2/22/2021	ND	37.88	0.00	692.17
MW-75	730.05	3/4/2021	ND	37.86	0.00	692.19
MW-75	730.05	3/8/2021	ND	37.97	0.00	692.08
MW-75	730.05	3/15/2021	ND	37.88	0.00	692.17
MW-75	730.05	3/22/2021	ND	37.87	0.00	692.18
MW-75	730.05	4/1/2021	ND	37.80	0.00	692.25
MW-75	730.05	4/12/2021	ND	37.73	0.00	692.32
MW-75	730.05	4/19/2021	ND	37.73	0.00	692.32
MW-75	730.05	4/29/2021	ND	37.64	0.00	692.41
MW-75	730.05	5/3/2021	ND	37.61	0.00	692.44
MW-75	730.05	5/10/2021	ND	37.69	0.00	692.36
MW-75	730.05	5/18/2021	ND	37.77	0.00	692.28
MW-75	730.05	5/26/2021	ND	37.73	0.00	692.32
MW-75	730.05	5/31/2021	ND	37.86	0.00	692.19
MW-75	730.05	6/7/2021	ND	37.81	0.00	692.24
MW-75	730.05	6/14/2021	ND	37.82	0.00	692.23
MW-75	730.05	6/21/2021	ND	37.94	0.00	692.11
MW-75	730.05	7/1/2021	ND	38.09	0.00	691.96
MW-75	730.05	7/6/2021	ND	38.20	0.00	691.85
MW-75	730.05	7/14/2021	ND	38.30	0.00	691.75
MW-75	730.05	7/28/2021	ND	38.52	0.00	691.53
MW-75	730.05	8/2/2021	ND	38.69	0.00	691.36
MW-75	730.05	8/16/2021	ND	38.87	0.00	691.18
MW-75	730.05	8/26/2021	ND	39.11	0.00	690.94
MW-75	730.05	8/30/2021	ND	39.25	0.00	690.80
MW-75	730.05	9/14/2021	ND	39.54	0.00	690.51
MW-75	730.05	9/23/2021	ND	39.70	0.00	690.35
MW-75	730.05	10/6/2021	ND	40.00	0.00	690.05
MW-75	730.05	10/12/2021	ND	40.13	0.00	689.92
MW-75	730.05	10/18/2021	ND	40.28	0.00	689.77
MW-75	730.05	10/27/2021	ND	40.41	0.00	689.64
MW-75	730.05	11/1/2021	ND	40.55	0.00	689.50
MW-75	730.05	11/15/2021	ND	40.90	0.00	689.15

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-76	723.94	2/16/2021	ND	29.60	0.00	694.34
MW-76	723.94	2/22/2021	ND	29.21	0.00	694.73
MW-76	723.94	3/4/2021	ND	28.94	0.00	695.00
MW-76	723.94	3/8/2021	ND	28.98	0.00	694.96
MW-76	723.94	3/15/2021	ND	28.93	0.00	695.01
MW-76	723.94	3/22/2021	ND	28.83	0.00	695.11
MW-76	723.94	4/1/2021	ND	28.46	0.00	695.48
MW-76	723.94	4/12/2021	ND	28.19	0.00	695.75
MW-76	723.94	4/19/2021	ND	28.17	0.00	695.77
MW-76	723.94	4/29/2021	ND	28.27	0.00	695.67
MW-76	723.94	5/3/2021	ND	28.31	0.00	695.63
MW-76	723.94	5/10/2021	ND	28.45	0.00	695.49
MW-76	723.94	5/18/2021	ND	28.75	0.00	695.19
MW-76	723.94	5/26/2021	ND	28.92	0.00	695.02
MW-76	723.94	5/31/2021	ND	29.14	0.00	694.80
MW-76	723.94	6/7/2021	ND	29.24	0.00	694.70
MW-76	723.94	6/14/2021	ND	29.48	0.00	694.46
MW-76	723.94	6/21/2021	ND	29.66	0.00	694.28
MW-76	723.94	7/1/2021	ND	29.90	0.00	694.04
MW-76	723.94	7/6/2021	ND	30.08	0.00	693.86
MW-76	723.94	7/14/2021	ND	30.30	0.00	693.64
MW-76	723.94	7/28/2021	ND	30.49	0.00	693.45
MW-76	723.94	8/2/2021	ND	30.70	0.00	693.24
MW-76	723.94	8/16/2021	ND	30.98	0.00	692.96
MW-76	723.94	8/26/2021	ND	31.13	0.00	692.81
MW-76	723.94	8/30/2021	ND	31.25	0.00	692.69
MW-76	723.94	9/14/2021	ND	31.59	0.00	692.35
MW-76	723.94	9/23/2021	ND	31.90	0.00	692.04
MW-76	723.94	10/6/2021	ND	32.11	0.00	691.83
MW-76	723.94	10/12/2021	ND	32.30	0.00	691.64
MW-76	723.94	10/18/2021	ND	32.51	0.00	691.43
MW-76	723.94	10/27/2021	ND	32.70	0.00	691.24
MW-76	723.94	11/1/2021	ND	32.87	0.00	691.07
MW-76	723.94	11/15/2021	ND	33.18	0.00	690.76
MW-77	722.70	3/4/2021	ND	28.78	0.00	693.92
MW-77	722.70	3/8/2021	ND	28.85	0.00	693.85
MW-77	722.70	3/15/2021	ND	28.78	0.00	693.92
MW-77	722.70	3/22/2021	ND	28.74	0.00	693.96
MW-77	722.70	4/1/2021	ND	28.66	0.00	694.04
MW-77	722.70	4/12/2021	ND	28.52	0.00	694.18
MW-77	722.70	4/19/2021	ND	28.46	0.00	694.24

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-77	722.70	4/29/2021	ND	28.39	0.00	694.31
MW-77	722.70	5/3/2021	ND	28.36	0.00	694.34
MW-77	722.70	5/10/2021	ND	28.36	0.00	694.34
MW-77	722.70	5/18/2021	ND	28.42	0.00	694.28
MW-77	722.70	5/26/2021	ND	28.38	0.00	694.32
MW-77	722.70	5/31/2021	ND	28.49	0.00	694.21
MW-77	722.70	6/7/2021	ND	28.42	0.00	694.28
MW-77	722.70	6/14/2021	ND	28.46	0.00	694.24
MW-77	722.70	6/21/2021	ND	28.49	0.00	694.21
MW-77	722.70	7/1/2021	ND	28.54	0.00	694.16
MW-77	722.70	7/6/2021	ND	28.61	0.00	694.09
MW-77	722.70	7/14/2021	ND	28.69	0.00	694.01
MW-77	722.70	7/28/2021	ND	28.66	0.00	694.04
MW-77	722.70	8/2/2021	ND	28.73	0.00	693.97
MW-77	722.70	8/16/2021	ND	28.80	0.00	693.90
MW-77	722.70	8/26/2021	ND	28.48	0.00	694.22
MW-77	722.70	8/30/2021	ND	28.62	0.00	694.08
MW-77	722.70	9/14/2021	ND	28.90	0.00	693.80
MW-77	722.70	9/23/2021	ND	29.12	0.00	693.58
MW-77	722.70	10/6/2021	ND	29.26	0.00	693.44
MW-77	722.70	10/12/2021	ND	29.38	0.00	693.32
MW-77	722.70	10/18/2021	ND	29.52	0.00	693.18
MW-77	722.70	10/27/2021	ND	29.64	0.00	693.06
MW-77	722.70	11/1/2021	ND	29.77	0.00	692.93
MW-77	722.70	11/15/2021	ND	30.01	0.00	692.69
MW-78	725.08	3/4/2021	ND	33.02	0.00	692.06
MW-78	725.08	3/8/2021	ND	33.07	0.00	692.01
MW-78	725.08	3/15/2021	ND	33.00	0.00	692.08
MW-78	725.08	3/22/2021	ND	32.92	0.00	692.16
MW-78	725.08	4/1/2021	ND	32.83	0.00	692.25
MW-78	725.08	4/12/2021	ND	32.69	0.00	692.39
MW-78	725.08	4/19/2021	ND	32.60	0.00	692.48
MW-78	725.08	4/29/2021	ND	32.46	0.00	692.62
MW-78	725.08	5/3/2021	ND	32.42	0.00	692.66
MW-78	725.08	5/10/2021	ND	32.42	0.00	692.66
MW-78	725.08	5/18/2021	ND	32.45	0.00	692.63
MW-78	725.08	5/26/2021	ND	32.40	0.00	692.68
MW-78	725.08	5/31/2021	ND	32.50	0.00	692.58
MW-78	725.08	6/7/2021	ND	32.50	0.00	692.58
MW-78	725.08	6/14/2021	ND	32.49	0.00	692.59
MW-78	725.08	6/21/2021	ND	32.55	0.00	692.53

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-78	725.08	7/1/2021	ND	32.64	0.00	692.44
MW-78	725.08	7/6/2021	ND	32.75	0.00	692.33
MW-78	725.08	7/14/2021	ND	32.87	0.00	692.21
MW-78	725.08	7/28/2021	ND	32.93	0.00	692.15
MW-78	725.08	8/2/2021	ND	33.04	0.00	692.04
MW-78	725.08	8/16/2021	ND	33.19	0.00	691.89
MW-78	725.08	8/26/2021	ND	33.02	0.00	692.06
MW-78	725.08	8/30/2021	ND	33.18	0.00	691.90
MW-78	725.08	9/14/2021	ND	33.57	0.00	691.51
MW-78	725.08	9/23/2021	ND	33.81	0.00	691.27
MW-78	725.08	10/6/2021	ND	33.99	0.00	691.09
MW-78	725.08	10/12/2021	ND	34.12	0.00	690.96
MW-78	725.08	10/18/2021	ND	34.28	0.00	690.80
MW-78	725.08	10/27/2021	ND	34.46	0.00	690.62
MW-78	725.08	11/1/2021	ND	34.58	0.00	690.50
MW-78	725.08	11/15/2021	ND	34.84	0.00	690.24
MW-79	721.56	3/4/2021	ND	27.60	0.00	693.96
MW-79	721.56	3/8/2021	ND	27.66	0.00	693.90
MW-79	721.56	3/15/2021	ND	27.60	0.00	693.96
MW-79	721.56	3/22/2021	ND	27.50	0.00	694.06
MW-79	721.56	4/1/2021	ND	27.45	0.00	694.11
MW-79	721.56	4/12/2021	ND	27.31	0.00	694.25
MW-79	721.56	4/19/2021	ND	27.27	0.00	694.29
MW-79	721.56	4/29/2021	ND	27.22	0.00	694.34
MW-79	721.56	5/3/2021	ND	27.19	0.00	694.37
MW-79	721.56	5/10/2021	ND	27.20	0.00	694.36
MW-79	721.56	5/18/2021	ND	27.24	0.00	694.32
MW-79	721.56	5/26/2021	ND	27.21	0.00	694.35
MW-79	721.56	5/31/2021	ND	27.34	0.00	694.22
MW-79	721.56	6/7/2021	ND	27.25	0.00	694.31
MW-79	721.56	6/14/2021	ND	27.28	0.00	694.28
MW-79	721.56	6/21/2021	ND	27.30	0.00	694.26
MW-79	721.56	7/1/2021	ND	27.35	0.00	694.21
MW-79	721.56	7/6/2021	ND	27.42	0.00	694.14
MW-79	721.56	7/14/2021	ND	27.49	0.00	694.07
MW-79	721.56	7/28/2021	ND	27.44	0.00	694.12
MW-79	721.56	8/2/2021	ND	27.52	0.00	694.04
MW-79	721.56	8/16/2021	ND	27.59	0.00	693.97
MW-79	721.56	8/26/2021	ND	27.49	0.00	694.07
MW-79	721.56	8/30/2021	ND	27.49	0.00	694.07
MW-79	721.56	9/14/2021	ND	27.65	0.00	693.91

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-79	721.56	9/23/2021	ND	27.92	0.00	693.64
MW-79	721.56	10/6/2021	ND	28.06	0.00	693.50
MW-79	721.56	10/12/2021	ND	28.17	0.00	693.39
MW-79	721.56	10/18/2021	ND	28.32	0.00	693.24
MW-79	721.56	10/27/2021	ND	28.47	0.00	693.09
MW-79	721.56	11/1/2021	ND	28.56	0.00	693.00
MW-79	721.56	11/15/2021	ND	28.81	0.00	692.75
MW-80	722.65	3/4/2021	ND	28.76	0.00	693.89
MW-80	722.65	3/8/2021	ND	28.81	0.00	693.84
MW-80	722.65	3/15/2021	ND	28.72	0.00	693.93
MW-80	722.65	3/22/2021	ND	28.65	0.00	694.00
MW-80	722.65	4/1/2021	ND	28.57	0.00	694.08
MW-80	722.65	4/12/2021	ND	28.41	0.00	694.24
MW-80	722.65	4/19/2021	ND	28.31	0.00	694.34
MW-80	722.65	4/29/2021	ND	28.22	0.00	694.43
MW-80	722.65	5/3/2021	ND	NM	NM	NM
MW-80	722.65	5/10/2021	ND	28.20	0.00	694.45
MW-80	722.65	5/18/2021	ND	28.24	0.00	694.41
MW-80	722.65	5/26/2021	ND	28.19	0.00	694.46
MW-80	722.65	5/31/2021	ND	28.31	0.00	694.34
MW-80	722.65	6/7/2021	ND	28.20	0.00	694.45
MW-80	722.65	6/14/2021	ND	28.25	0.00	694.40
MW-80	722.65	6/21/2021	ND	28.29	0.00	694.36
MW-80	722.65	7/1/2021	ND	28.34	0.00	694.31
MW-80	722.65	7/6/2021	ND	28.42	0.00	694.23
MW-80	722.65	7/14/2021	ND	28.52	0.00	694.13
MW-80	722.65	7/28/2021	ND	28.48	0.00	694.17
MW-80	722.65	8/2/2021	ND	28.60	0.00	694.05
MW-80	722.65	8/16/2021	ND	28.68	0.00	693.97
MW-80	722.65	8/26/2021	ND	28.55	0.00	694.10
MW-80	722.65	8/30/2021	ND	28.62	0.00	694.03
MW-80	722.65	9/14/2021	ND	28.61	0.00	694.04
MW-80	722.65	9/23/2021	ND	29.05	0.00	693.60
MW-80	722.65	10/6/2021	ND	29.16	0.00	693.49
MW-80	722.65	10/12/2021	ND	29.28	0.00	693.37
MW-80	722.65	10/18/2021	ND	29.41	0.00	693.24
MW-80	722.65	10/27/2021	ND	29.51	0.00	693.14
MW-80	722.65	11/1/2021	ND	29.65	0.00	693.00
MW-80	722.65	11/15/2021	ND	29.89	0.00	692.76
MW-81	723.10	3/4/2021	ND	30.33	0.00	692.77
MW-81	723.10	3/8/2021	ND	30.34	0.00	692.76

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-81	723.10	3/15/2021	ND	30.19	0.00	692.91
MW-81	723.10	3/22/2021	ND	30.09	0.00	693.01
MW-81	723.10	4/1/2021	ND	29.99	0.00	693.11
MW-81	723.10	4/12/2021	ND	29.79	0.00	693.31
MW-81	723.10	4/19/2021	ND	29.66	0.00	693.44
MW-81	723.10	4/29/2021	ND	29.50	0.00	693.60
MW-81	723.10	5/3/2021	ND	29.43	0.00	693.67
MW-81	722.83	5/10/2021	ND	29.38	0.00	693.45
MW-81	722.83	5/18/2021	ND	29.11	0.00	693.72
MW-81	722.83	5/26/2021	ND	29.04	0.00	693.79
MW-81	722.83	5/31/2021	ND	29.13	0.00	693.70
MW-81	722.83	6/7/2021	ND	29.04	0.00	693.79
MW-81	722.83	6/14/2021	ND	29.11	0.00	693.72
MW-81	722.83	6/21/2021	ND	29.16	0.00	693.67
MW-81	722.83	7/1/2021	ND	28.27	0.00	694.56
MW-81	722.83	7/6/2021	ND	29.37	0.00	693.46
MW-81	722.83	7/14/2021	ND	29.51	0.00	693.32
MW-81	722.83	7/28/2021	ND	29.60	0.00	693.23
MW-81	722.83	8/2/2021	ND	29.76	0.00	693.07
MW-81	722.83	8/16/2021	ND	29.90	0.00	692.93
MW-81	722.83	8/26/2021	ND	30.05	0.00	692.78
MW-81	722.83	8/30/2021	ND	30.04	0.00	692.79
MW-81	722.83	9/14/2021	ND	30.21	0.00	692.62
MW-81	722.83	9/23/2021	ND	30.42	0.00	692.41
MW-81	722.83	10/6/2021	ND	30.60	0.00	692.23
MW-81	722.83	10/12/2021	ND	30.72	0.00	692.11
MW-81	722.83	10/18/2021	ND	30.87	0.00	691.96
MW-81	722.83	10/27/2021	ND	31.00	0.00	691.83
MW-81	722.83	11/1/2021	ND	31.13	0.00	691.70
MW-81	722.83	11/15/2021	ND	31.42	0.00	691.41
MW-82	724.48	3/4/2021	ND	32.38	0.00	692.10
MW-82	724.48	3/8/2021	ND	32.39	0.00	692.09
MW-82	724.48	3/15/2021	ND	32.25	0.00	692.23
MW-82	724.48	3/22/2021	ND	32.04	0.00	692.44
MW-82	724.48	4/1/2021	ND	31.86	0.00	692.62
MW-82	724.48	4/12/2021	ND	32.54	0.00	691.94
MW-82	724.48	4/19/2021	ND	31.35	0.00	693.13
MW-82	724.48	4/29/2021	ND	31.24	0.00	693.24
MW-82	724.48	5/3/2021	ND	31.18	0.00	693.30
MW-82	724.27	5/10/2021	ND	31.17	0.00	693.10
MW-82	724.27	5/18/2021	ND	31.06	0.00	693.21

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-82	724.27	5/26/2021	ND	31.09	0.00	693.18
MW-82	724.28	5/31/2021	ND	31.24	0.00	693.04
MW-82	724.28	6/7/2021	ND	31.25	0.00	693.03
MW-82	724.28	6/14/2021	ND	31.42	0.00	692.86
MW-82	724.28	6/21/2021	ND	31.55	0.00	692.73
MW-82	724.28	7/1/2021	ND	31.76	0.00	692.52
MW-82	724.28	7/6/2021	ND	31.92	0.00	692.36
MW-82	724.28	7/14/2021	ND	32.09	0.00	692.19
MW-82	724.28	7/28/2021	ND	32.31	0.00	691.97
MW-82	724.28	8/2/2021	ND	32.51	0.00	691.77
MW-82	724.28	8/16/2021	ND	32.73	0.00	691.55
MW-82	724.28	8/26/2021	ND	32.95	0.00	691.33
MW-82	724.28	8/30/2021	ND	32.99	0.00	691.29
MW-82	724.28	9/14/2021	ND	33.28	0.00	691.00
MW-82	724.28	9/23/2021	ND	33.56	0.00	690.72
MW-82	724.28	10/6/2021	ND	33.80	0.00	690.48
MW-82	724.28	10/12/2021	ND	33.96	0.00	690.32
MW-82	724.28	10/18/2021	ND	34.18	0.00	690.10
MW-82	724.28	10/27/2021	ND	34.35	0.00	689.93
MW-82	724.28	11/1/2021	ND	34.52	0.00	689.76
MW-82	724.28	11/15/2021	ND	35.85	0.00	688.43
MW-83	724.91	3/8/2021	ND	32.77	0.00	692.14
MW-83	724.91	3/15/2021	ND	30.63	0.00	694.28
MW-83	724.91	3/22/2021	ND	31.63	0.00	693.28
MW-83	724.91	4/1/2021	ND	30.58	0.00	694.33
MW-83	724.91	4/12/2021	ND	30.32	0.00	694.59
MW-83	724.91	4/19/2021	ND	30.24	0.00	694.67
MW-83	724.91	4/29/2021	ND	30.22	0.00	694.69
MW-83	724.91	5/3/2021	ND	30.22	0.00	694.69
MW-83	724.91	5/10/2021	ND	30.33	0.00	694.58
MW-83	724.91	5/18/2021	ND	30.38	0.00	694.53
MW-83	724.91	5/26/2021	ND	30.36	0.00	694.55
MW-83	724.91	5/31/2021	ND	30.33	0.00	694.58
MW-83	724.91	6/7/2021	ND	30.45	0.00	694.46
MW-83	724.91	6/14/2021	ND	30.45	0.00	694.46
MW-83	724.91	6/21/2021	ND	30.40	0.00	694.51
MW-83	724.91	7/1/2021	ND	30.65	0.00	694.26
MW-83	724.91	7/6/2021	ND	30.79	0.00	694.12
MW-83	724.91	7/14/2021	ND	30.87	0.00	694.04
MW-83	724.91	7/28/2021	ND	31.08	0.00	693.83
MW-83	724.91	8/2/2021	ND	31.23	0.00	693.68

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-83	724.91	8/16/2021	ND	31.36	0.00	693.55
MW-83	724.91	8/26/2021	ND	31.44	0.00	693.47
MW-83	724.91	8/30/2021	ND	31.43	0.00	693.48
MW-83	724.91	9/14/2021	ND	31.63	0.00	693.28
MW-83	724.91	9/23/2021	ND	31.70	0.00	693.21
MW-83	724.91	10/6/2021	ND	31.93	0.00	692.98
MW-83	724.91	10/12/2021	ND	37.10	0.00	687.81
MW-83	724.91	10/18/2021	ND	32.22	0.00	692.69
MW-83	724.91	10/27/2021	ND	32.30	0.00	692.61
MW-83	724.91	11/1/2021	ND	32.43	0.00	692.48
MW-83	724.91	11/15/2021	ND	32.62	0.00	692.29
MW-84	723.99	3/8/2021	ND	31.37	0.00	692.62
MW-84	723.99	3/15/2021	ND	29.60	0.00	694.39
MW-84	723.99	3/22/2021	ND	29.60	0.00	694.39
MW-84	723.99	4/1/2021	ND	29.52	0.00	694.47
MW-84	723.99	4/12/2021	ND	29.33	0.00	694.66
MW-84	723.99	4/19/2021	ND	29.25	0.00	694.74
MW-84	723.99	4/29/2021	ND	29.21	0.00	694.78
MW-84	723.99	5/3/2021	ND	29.18	0.00	694.81
MW-84	723.99	5/10/2021	ND	29.23	0.00	694.76
MW-84	723.99	5/18/2021	ND	29.38	0.00	694.61
MW-84	723.99	5/26/2021	ND	29.33	0.00	694.66
MW-84	723.99	5/31/2021	ND	29.42	0.00	694.57
MW-84	723.99	6/7/2021	ND	29.43	0.00	694.56
MW-84	723.99	6/14/2021	ND	29.44	0.00	694.55
MW-84	723.99	6/21/2021	ND	29.39	0.00	694.60
MW-84	723.99	7/1/2021	ND	29.51	0.00	694.48
MW-84	723.99	7/6/2021	ND	29.67	0.00	694.32
MW-84	723.99	7/14/2021	ND	29.75	0.00	694.24
MW-84	723.99	7/28/2021	ND	29.87	0.00	694.12
MW-84	723.99	8/2/2021	ND	29.98	0.00	694.01
MW-84	723.99	8/16/2021	ND	30.06	0.00	693.93
MW-84	723.99	8/26/2021	ND	31.40	0.00	692.59
MW-84	723.99	8/30/2021	ND	30.13	0.00	693.86
MW-84	723.99	9/14/2021	ND	33.10	0.00	690.89
MW-84	723.99	9/23/2021	ND	30.39	0.00	693.60
MW-84	723.99	10/6/2021	ND	30.56	0.00	693.43
MW-84	723.99	10/12/2021	ND	30.68	0.00	693.31
MW-84	723.99	10/18/2021	ND	30.79	0.00	693.20
MW-84	723.99	10/27/2021	ND	30.89	0.00	693.10
MW-84	723.99	11/1/2021	ND	31.00	0.00	692.99

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-84	723.99	11/15/2021	ND	31.20	0.00	692.79
MW-85	727.75	3/11/2021	31.56	37.17	5.61	694.69
MW-85	727.75	3/15/2021	31.38	37.60	6.22	694.70
MW-85	727.75	3/22/2021	32.39	37.59	5.20	693.97
MW-85	725.67	4/1/2021	25.09	35.52	10.43	697.79
MW-85	725.67	4/12/2021	28.85	34.99	6.14	695.18
MW-85	725.67	4/19/2021	28.75	34.99	6.24	695.25
MW-85	725.67	4/29/2021	28.91	33.22	4.31	695.61
MW-85	725.67	5/3/2021	ARP	ARP	ARP	ARP
MW-85	725.67	5/10/2021	ARP	ARP	ARP	ARP
MW-85	725.67	5/18/2021	ARP	ARP	ARP	ARP
MW-85	725.67	5/26/2021	29.54	32.92	3.38	695.23
MW-85	725.67	5/31/2021	ARP	ARP	ARP	ARP
MW-85	725.67	6/7/2021	ARP	ARP	ARP	ARP
MW-85	725.67	6/14/2021	ARP	ARP	ARP	ARP
MW-85	725.67	6/21/2021	ARP	ARP	ARP	ARP
MW-85	725.67	7/1/2021	29.99	32.97	2.98	694.88
MW-85	725.67	7/6/2021	ARP	ARP	ARP	ARP
MW-85	725.67	7/14/2021	30.27	33.03	2.76	694.66
MW-85	725.67	7/28/2021	30.90	31.45	0.55	694.62
MW-85	725.67	8/16/2021	ARP	ARP	ARP	ARP
MW-85	725.67	8/26/2021	31.60	32.73	1.13	693.77
MW-85	725.67	8/30/2021	ARP	ARP	ARP	ARP
MW-85	725.67	9/16/2021	31.51	32.84	1.33	693.80
MW-85	725.67	9/23/2021	31.72	32.48	0.76	693.75
MW-85	725.67	10/6/2021	ARP	ARP	ARP	ARP
MW-85	725.67	10/12/2021	ARP	ARP	ARP	ARP
MW-85	725.67	10/18/2021	ARP	ARP	ARP	ARP
MW-85	725.67	10/27/2021	32.41	32.68	0.27	693.19
MW-85	725.67	11/1/2021	ARP	ARP	ARP	ARP
MW-86	724.28	3/22/2021	ND	29.58	0.00	694.70
MW-86	724.28	4/1/2021	ND	29.26	0.00	695.02
MW-86	724.28	4/12/2021	ND	28.93	0.00	695.35
MW-86	724.28	4/19/2021	ND	28.85	0.00	695.43
MW-86	724.28	4/29/2021	ND	28.86	0.00	695.42
MW-86	724.28	5/3/2021	ND	28.88	0.00	695.40
MW-86	724.28	5/10/2021	ND	29.00	0.00	695.28
MW-86	724.28	5/18/2021	ND	29.24	0.00	695.04
MW-86	724.28	5/26/2021	ND	29.36	0.00	694.92
MW-86	724.28	5/31/2021	ND	29.60	0.00	694.68
MW-86	724.28	6/7/2021	ND	29.63	0.00	694.65

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-86	724.28	6/14/2021	ND	29.85	0.00	694.43
MW-86	724.28	6/21/2021	ND	30.02	0.00	694.26
MW-86	724.28	7/1/2021	ND	30.24	0.00	694.04
MW-86	724.28	7/6/2021	ND	30.43	0.00	693.85
MW-86	724.28	7/14/2021	ND	30.64	0.00	693.64
MW-86	724.28	7/28/2021	ND	30.82	0.00	693.46
MW-86	724.28	8/2/2021	ND	31.04	0.00	693.24
MW-86	724.28	8/16/2021	ND	31.31	0.00	692.97
MW-86	724.28	8/26/2021	ND	31.50	0.00	692.78
MW-86	724.28	8/30/2021	ND	31.58	0.00	692.70
MW-86	724.28	9/14/2021	ND	31.91	0.00	692.37
MW-86	724.28	9/23/2021	ND	32.15	0.00	692.13
MW-86	724.28	10/6/2021	ND	32.41	0.00	691.87
MW-86	724.28	10/12/2021	ND	37.56	0.00	686.72
MW-86	724.28	10/18/2021	ND	32.77	0.00	691.51
MW-86	724.28	10/27/2021	ND	32.93	0.00	691.35
MW-86	724.28	11/1/2021	ND	33.12	0.00	691.16
MW-86	724.28	11/15/2021	ND	33.45	0.00	690.83
MW-87	734.39	4/29/2021	ND	45.13	0.00	689.26
MW-87	734.39	5/3/2021	ND	45.02	0.00	689.37
MW-87	734.39	5/10/2021	ND	45.01	0.00	689.38
MW-87	734.39	5/18/2021	ND	44.99	0.00	689.40
MW-87	734.39	5/26/2021	ND	45.00	0.00	689.39
MW-87	734.39	5/31/2021	ND	45.03	0.00	689.36
MW-87	734.39	6/7/2021	ND	45.09	0.00	689.30
MW-87	734.39	6/14/2021	ND	45.03	0.00	689.36
MW-87	734.39	6/21/2021	ND	45.08	0.00	689.31
MW-87	734.39	7/1/2021	ND	45.15	0.00	689.24
MW-87	734.39	7/6/2021	ND	45.25	0.00	689.14
MW-87	734.39	7/14/2021	ND	45.32	0.00	689.07
MW-87	734.39	7/28/2021	ND	45.62	0.00	688.77
MW-87	734.39	8/2/2021	ND	45.81	0.00	688.58
MW-87	734.39	8/16/2021	ND	46.06	0.00	688.33
MW-87	734.39	8/26/2021	ND	46.27	0.00	688.12
MW-87	734.39	8/30/2021	ND	46.28	0.00	688.11
MW-87	734.39	9/14/2021	ND	46.72	0.00	687.67
MW-87	734.39	9/23/2021	ND	46.94	0.00	687.45
MW-87	734.39	10/6/2021	ND	47.14	0.00	687.25
MW-87	734.39	10/12/2021	ND	47.35	0.00	687.04
MW-87	734.39	10/18/2021	ND	47.52	0.00	686.87
MW-87	734.39	10/27/2021	ND	47.67	0.00	686.72

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-87	734.39	11/1/2021	ND	47.82	0.00	686.57
MW-87	734.39	11/15/2021	ND	48.21	0.00	686.18
MW-88	731.93	4/29/2021	ND	42.88	0.00	689.05
MW-88	731.93	5/3/2021	ND	42.85	0.00	689.08
MW-88	731.93	5/10/2021	ND	42.81	0.00	689.12
MW-88	731.93	5/18/2021	ND	42.78	0.00	689.15
MW-88	731.93	5/26/2021	ND	42.76	0.00	689.17
MW-88	731.93	5/31/2021	ND	42.80	0.00	689.13
MW-88	731.93	6/7/2021	ND	42.82	0.00	689.11
MW-88	731.93	6/14/2021	ND	42.81	0.00	689.12
MW-88	731.93	6/21/2021	ND	42.85	0.00	689.08
MW-88	731.93	7/1/2021	ND	42.96	0.00	688.97
MW-88	731.93	7/6/2021	ND	43.03	0.00	688.90
MW-88	731.93	7/14/2021	ND	43.11	0.00	688.82
MW-88	731.93	7/28/2021	ND	43.68	0.00	688.25
MW-88	731.93	8/2/2021	ND	43.57	0.00	688.36
MW-88	731.93	8/16/2021	ND	43.84	0.00	688.09
MW-88	731.93	8/26/2021	ND	44.05	0.00	687.88
MW-88	731.93	8/30/2021	ND	44.05	0.00	687.88
MW-88	731.93	9/14/2021	ND	44.49	0.00	687.44
MW-88	731.93	9/23/2021	ND	44.74	0.00	687.19
MW-88	731.93	10/6/2021	ND	44.93	0.00	687.00
MW-88	731.93	10/12/2021	ND	45.11	0.00	686.82
MW-88	731.93	10/18/2021	ND	45.30	0.00	686.63
MW-88	731.93	10/27/2021	ND	45.45	0.00	686.48
MW-88	731.93	11/1/2021	ND	45.62	0.00	686.31
MW-88	731.93	11/15/2021	ND	46.00	0.00	685.93
MW-89	734.67	4/29/2021	NM	NM	NM	NM
MW-89	734.67	5/3/2021	ND	45.06	0.00	689.61
MW-89	734.67	5/10/2021	ND	45.03	0.00	689.64
MW-89	734.67	5/18/2021	ND	44.97	0.00	689.70
MW-89	734.67	5/26/2021	ND	44.98	0.00	689.69
MW-89	734.67	5/31/2021	ND	45.01	0.00	689.66
MW-89	734.67	6/7/2021	ND	45.02	0.00	689.65
MW-89	734.67	6/14/2021	ND	45.01	0.00	689.66
MW-89	734.67	6/21/2021	ND	45.07	0.00	689.60
MW-89	734.67	7/1/2021	ND	45.15	0.00	689.52
MW-89	734.67	7/6/2021	ND	45.24	0.00	689.43
MW-89	734.67	7/14/2021	ND	45.29	0.00	689.38
MW-89	734.67	7/28/2021	ND	45.59	0.00	689.08
MW-89	734.67	8/2/2021	ND	45.78	0.00	688.89

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-89	734.67	8/16/2021	ND	46.04	0.00	688.63
MW-89	734.67	8/26/2021	ND	46.28	0.00	688.39
MW-89	734.67	8/30/2021	ND	46.25	0.00	688.42
MW-89	734.67	9/14/2021	ND	46.69	0.00	687.98
MW-89	734.67	9/23/2021	ND	46.92	0.00	687.75
MW-89	734.67	10/6/2021	ND	37.13	0.00	697.54
MW-89	734.67	10/12/2021	ND	47.31	0.00	687.36
MW-89	734.67	10/18/2021	ND	47.50	0.00	687.17
MW-89	734.67	10/27/2021	ND	47.65	0.00	687.02
MW-89	734.67	11/1/2021	ND	47.80	0.00	686.87
MW-89	734.67	11/15/2021	ND	48.17	0.00	686.50
MW-92	745.56	6/14/2021	ND	54.21	0.00	691.35
MW-92	745.56	6/21/2021	ND	54.85	0.00	690.71
MW-92	745.56	7/1/2021	ND	54.41	0.00	691.15
MW-92	745.56	7/6/2021	ND	54.50	0.00	691.06
MW-92	745.56	7/14/2021	ND	54.50	0.00	691.06
MW-92	745.56	7/28/2021	ND	54.79	0.00	690.77
MW-92	745.56	8/2/2021	ND	54.96	0.00	690.60
MW-92	745.56	8/16/2021	ND	55.13	0.00	690.43
MW-92	745.56	8/26/2021	ND	55.35	0.00	690.21
MW-92	745.56	8/30/2021	ND	55.43	0.00	690.13
MW-92	745.56	9/14/2021	ND	55.82	0.00	689.74
MW-92	745.56	9/23/2021	ND	55.94	0.00	689.62
MW-92	745.56	10/6/2021	ND	56.27	0.00	689.29
MW-92	745.56	10/12/2021	ND	56.45	0.00	689.11
MW-92	745.56	10/18/2021	ND	56.57	0.00	688.99
MW-92	745.56	10/27/2021	ND	56.63	0.00	688.93
MW-92	745.56	11/1/2021	ND	56.83	0.00	688.73
MW-92	745.56	11/15/2021	ND	57.19	0.00	688.37
MW-93	744.05	6/14/2021	ND	52.40	0.00	691.65
MW-93	744.05	6/21/2021	ND	52.55	0.00	691.50
MW-93	744.05	7/1/2021	ND	52.57	0.00	691.48
MW-93	744.05	7/6/2021	ND	52.68	0.00	691.37
MW-93	744.05	7/14/2021	ND	52.72	0.00	691.33
MW-93	744.05	7/28/2021	ND	52.98	0.00	691.07
MW-93	744.05	8/2/2021	ND	53.17	0.00	690.88
MW-93	744.05	8/16/2021	ND	53.31	0.00	690.74
MW-93	744.05	8/26/2021	ND	53.53	0.00	690.52
MW-93	744.05	8/30/2021	ND	53.63	0.00	690.42
MW-93	744.05	9/14/2021	ND	54.00	0.00	690.05
MW-93	744.05	9/23/2021	ND	54.10	0.00	689.95

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-93	744.05	10/6/2021	ND	54.45	0.00	689.60
MW-93	744.05	10/12/2021	ND	54.60	0.00	689.45
MW-93	744.05	10/18/2021	ND	54.75	0.00	689.30
MW-93	744.05	10/27/2021	ND	54.80	0.00	689.25
MW-93	744.05	11/1/2021	ND	55.01	0.00	689.04
MW-93	744.05	11/15/2021	ND	55.35	0.00	688.70
MW-94	719.52	9/23/2021	ND	39.88	0.00	679.64
MW-94	719.52	10/6/2021	ND	40.25	0.00	679.27
MW-94	719.52	10/12/2021	ND	40.52	0.00	679.00
MW-94	719.52	10/18/2021	ND	40.75	0.00	678.77
MW-94	719.52	10/27/2021	ND	41.05	0.00	678.47
MW-94	719.52	11/1/2021	ND	41.25	0.00	678.27
MW-94	719.52	11/15/2021	ND	41.75	0.00	677.77
MW-95	701.33	10/6/2021	ND	23.04	0.00	678.29
MW-95	701.33	10/12/2021	ND	23.30	0.00	678.03
MW-95	701.33	10/18/2021	ND	23.61	0.00	677.72
MW-95	701.33	10/27/2021	ND	23.87	0.00	677.46
MW-95	701.33	11/1/2021	ND	24.03	0.00	677.30
MW-95	701.33	11/15/2021	ND	24.77	0.00	676.56
MW-96	699.35	10/6/2021	ND	22.12	0.00	677.23
MW-96	699.35	10/12/2021	ND	22.39	0.00	676.96
MW-96	699.35	10/18/2021	ND	22.68	0.00	676.67
MW-96	699.35	10/27/2021	ND	22.99	0.00	676.36
MW-96	699.35	11/1/2021	ND	23.16	0.00	676.19
MW-96	699.35	11/15/2021	ND	23.79	0.00	675.56
Bedrock Unit Monitoring Wells						
MW-04D	712.6314	9/23/2021	ND	26.23	0.00	686.40
MW-04D	712.6314	10/1/2021	ND	29.41	0.00	683.22
MW-04D	712.6314	10/6/2021	ND	29.48	0.00	683.15
MW-04D	712.6314	10/12/2021	ND	29.64	0.00	682.99
MW-04D	712.6314	10/18/2021	ND	29.88	0.00	682.75
MW-04D	712.6314	10/27/2021	ND	30.02	0.00	682.61
MW-04D	712.6314	11/1/2021	ND	32.85	0.00	679.78
MW-04D	712.6314	11/15/2021	ND	33.34	0.00	679.29
MW-07D	711.73	12/21/2020	ND	29.38	0.00	682.35
MW-07D	711.73	12/26/2020	ND	29.37	0.00	682.36
MW-07D	711.73	1/10/2021	NM	NM	NM	NM
MW-07D	711.73	1/19/2021	ND	29.83	0.00	681.90
MW-07D	711.73	1/25/2021	ND	29.76	0.00	681.97
MW-07D	711.73	2/1/2021	ND	29.82	0.00	681.91
MW-07D	711.73	2/8/2021	ND	29.94	0.00	681.79

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-07D	711.73	2/16/2021	ND	29.66	0.00	682.07
MW-07D	711.73	2/22/2021	ND	29.40	0.00	682.33
MW-07D	711.73	3/4/2021	ND	29.19	0.00	682.54
MW-07D	711.73	3/8/2021	ND	29.30	0.00	682.43
MW-07D	711.73	3/15/2021	ND	29.28	0.00	682.45
MW-07D	711.73	3/22/2021	ND	29.15	0.00	682.58
MW-07D	711.73	4/1/2021	ND	28.82	0.00	682.91
MW-07D	711.73	4/12/2021	ND	28.90	0.00	682.83
MW-07D	711.73	4/19/2021	ND	28.84	0.00	682.89
MW-07D	711.73	4/29/2021	ND	28.72	0.00	683.01
MW-07D	711.73	5/3/2021	ND	28.71	0.00	683.02
MW-07D	711.73	5/10/2021	ND	28.69	0.00	683.04
MW-07D	711.73	5/18/2021	ND	28.82	0.00	682.91
MW-07D	711.73	5/26/2021	ND	28.79	0.00	682.94
MW-07D	711.73	5/31/2021	ND	28.97	0.00	682.76
MW-07D	711.73	6/7/2021	ND	29.11	0.00	682.62
MW-07D	711.73	6/14/2021	ND	29.13	0.00	682.60
MW-07D	711.73	6/21/2021	ND	29.29	0.00	682.44
MW-07D	711.73	7/1/2021	ND	29.35	0.00	682.38
MW-07D	711.73	7/6/2021	ND	29.61	0.00	682.12
MW-07D	711.73	7/14/2021	ND	29.64	0.00	682.09
MW-07D	711.73	7/28/2021	ND	30.38	0.00	681.35
MW-07D	711.73	8/2/2021	ND	30.71	0.00	681.02
MW-07D	711.73	8/16/2021	ND	31.16	0.00	680.57
MW-07D	711.73	8/26/2021	ND	30.95	0.00	680.78
MW-07D	711.73	8/30/2021	ND	32.58	0.00	679.15
MW-07D	711.73	9/14/2021	ND	32.19	0.00	679.54
MW-07D	711.73	9/23/2021	ND	31.64	0.00	680.09
MW-07D	711.73	10/1/2021	ND	32.53	0.00	676.27
MW-07D	711.73	10/6/2021	ND	35.46	0.00	679.20
MW-07D	711.73	10/12/2021	ND	33.17	0.00	678.56
MW-07D	711.73	10/18/2021	ND	33.30	0.00	678.43
MW-07D	711.73	10/27/2021	ND	32.63	0.00	678.43
MW-07D	711.73	11/1/2021	ND	32.93	0.00	678.80
MW-07D	711.73	11/15/2021	ND	34.38	0.00	677.35
MW-14D	722.75	3/4/2021	ND	28.64	0.00	694.11
MW-14D	722.75	3/8/2021	ND	28.36	0.00	694.39
MW-14D	722.75	3/15/2021	ND	28.25	0.00	694.50
MW-14D	722.75	3/22/2021	ND	28.23	0.00	694.52
MW-14D	724.93	4/1/2021	ND	25.30	0.00	699.63
MW-14D	724.93	4/12/2021	ND	29.77	0.00	695.16

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-14D	724.93	4/19/2021	ND	29.72	0.00	695.21
MW-14D	726.02	4/29/2021	ND	29.76	0.00	696.26
MW-14D	726.02	5/3/2021	ND	29.75	0.00	696.27
MW-14D	726.75	5/10/2021	ND	29.91	0.00	696.84
MW-14D	726.75	5/18/2021	ND	30.22	0.00	696.53
MW-14D	726.75	5/26/2021	ND	30.39	0.00	696.36
MW-14D	726.76	5/31/2021	ND	30.63	0.00	696.13
MW-14D	726.76	6/7/2021	ND	30.76	0.00	696.00
MW-14D	726.77	6/14/2021	ND	30.94	0.00	695.83
MW-14D	726.77	6/21/2021	ND	31.06	0.00	695.71
MW-14D	726.77	7/1/2021	ND	31.32	0.00	695.45
MW-14D	726.77	7/6/2021	ND	31.53	0.00	695.24
MW-14D	726.77	7/14/2021	ND	31.73	0.00	695.04
MW-14D	726.77	7/28/2021	ND	31.97	0.00	694.80
MW-14D	726.77	8/2/2021	ND	32.16	0.00	694.61
MW-14D	726.77	8/16/2021	ND	32.43	0.00	694.34
MW-14D	726.77	8/26/2021	ND	32.62	0.00	694.15
MW-14D	726.77	8/30/2021	ND	32.68	0.00	694.09
MW-14D	726.77	9/14/2021	ND	33.03	0.00	693.74
MW-14D	726.77	9/23/2021	ND	33.08	0.00	693.69
MW-14D	726.77	10/1/2021	ND	33.15	0.00	693.62
MW-14D	726.77	10/6/2021	ND	33.50	0.00	693.27
MW-14D	726.77	10/12/2021	ND	33.71	0.00	693.06
MW-14D	726.77	10/18/2021	ND	33.87	0.00	692.90
MW-14D	726.77	10/27/2021	ND	34.04	0.00	692.73
MW-14D	726.77	11/1/2021	ND	34.20	0.00	692.57
MW-14D	726.77	11/15/2021	ND	34.48	0.00	692.29
MW-16D	710.81	7/1/2021	ND	31.35	0.00	679.46
MW-16D	710.81	7/6/2021	ND	31.35	0.00	679.46
MW-16D	710.81	7/14/2021	ND	31.82	0.00	678.99
MW-16D	710.81	7/28/2021	ND	31.62	0.00	679.19
MW-16D	710.81	8/16/2021	ND	101.94	0.00	608.87
MW-16D	710.81	8/26/2021	ND	103.90	0.00	606.91
MW-16D	710.81	8/30/2021	ND	99.96	0.00	610.85
MW-16D	710.81	9/14/2021	ND	114.01	0.00	596.80
MW-16D	710.81	9/23/2021	ND	113.44	0.00	597.37
MW-16D	710.81	10/1/2021	ND	119.72	0.00	591.09
MW-16D	710.81	10/6/2021	ND	119.34	0.00	591.47
MW-16D	710.81	10/12/2021	ND	118.99	0.00	591.82
MW-16D	710.81	10/18/2021	ND	118.55	0.00	592.26
MW-16D	710.81	10/27/2021	ND	117.98	0.00	592.83

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-16D	710.81	11/1/2021	ND	116.85	0.00	593.96
MW-16D	710.81	11/15/2021	ND	123.80	0.00	587.01
MW-25D	733.05	12/26/2020	ND	46.90	0.00	686.15
MW-25D	733.05	1/10/2021	ND	47.10	0.00	685.95
MW-25D	733.05	1/19/2021	ND	47.93	0.00	685.12
MW-25D	733.05	1/25/2021	ND	47.80	0.00	685.25
MW-25D	733.05	2/1/2021	ND	47.69	0.00	685.36
MW-25D	733.05	2/8/2021	ND	48.05	0.00	685.00
MW-25D	733.05	2/16/2021	ND	47.82	0.00	685.23
MW-25D	733.05	2/22/2021	ND	47.65	0.00	685.40
MW-25D	733.05	3/4/2021	ND	47.34	0.00	685.71
MW-25D	733.05	3/8/2021	ND	47.52	0.00	685.53
MW-25D	733.05	3/15/2021	ND	47.48	0.00	685.57
MW-25D	733.05	3/22/2021	ND	47.46	0.00	685.59
MW-25D	733.05	4/1/2021	ND	46.29	0.00	686.76
MW-25D	733.05	4/12/2021	ND	47.31	0.00	685.74
MW-25D	733.05	4/19/2021	ND	47.26	0.00	685.79
MW-25D	733.05	4/29/2021	ND	46.96	0.00	686.09
MW-25D	733.05	5/3/2021	ND	47.11	0.00	685.94
MW-25D	733.05	5/10/2021	ND	47.07	0.00	685.98
MW-25D	733.05	5/18/2021	ND	47.28	0.00	685.77
MW-25D	733.05	5/26/2021	ND	47.05	0.00	686.00
MW-25D	733.05	5/31/2021	ND	47.31	0.00	685.74
MW-25D	733.05	6/7/2021	ND	47.54	0.00	685.51
MW-25D	733.05	6/14/2021	NM	NM	NM	NM
MW-25D	733.05	6/21/2021	ND	47.66	0.00	685.39
MW-25D	733.05	7/1/2021	ND	47.52	0.00	685.53
MW-25D	733.05	7/6/2021	ND	47.89	0.00	685.16
MW-25D	733.05	7/14/2021	ND	47.75	0.00	685.30
MW-25D	733.05	7/28/2021	ND	48.95	0.00	684.10
MW-25D	733.05	8/2/2021	ND	50.00	0.00	683.05
MW-25D	733.05	8/16/2021	ND	50.46	0.00	682.59
MW-25D	733.05	8/26/2021	ND	49.55	0.00	683.50
MW-25D	733.05	8/30/2021	ND	51.11	0.00	681.94
MW-25D	733.05	9/14/2021	ND	51.90	0.00	681.15
MW-25D	733.05	9/23/2021	ND	49.78	0.00	683.27
MW-25D	733.05	10/1/2021	ND	51.65	0.00	681.40
MW-25D	733.05	10/6/2021	ND	52.26	0.00	680.79
MW-25D	733.05	10/12/2021	ND	52.41	0.00	680.64
MW-25D	733.05	10/18/2021	ND	52.67	0.00	680.38
MW-25D	733.05	10/27/2021	ND	50.67	0.00	682.38

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-25D	733.05	11/1/2021	ND	51.13	0.00	681.92
MW-25D	733.05	11/15/2021	ND	53.95	0.00	679.10
MW-31D	714.09	5/31/2021	ND	20.96	0.00	693.13
MW-31D	714.09	6/7/2021	ND	20.95	0.00	693.14
MW-31D	714.09	6/14/2021	ND	21.02	0.00	693.07
MW-31D	714.09	6/21/2021	ND	21.05	0.00	693.04
MW-31D	714.09	7/1/2021	ND	21.10	0.00	692.99
MW-31D	714.09	7/6/2021	ND	21.22	0.00	692.87
MW-31D	714.09	7/14/2021	ND	21.29	0.00	692.80
MW-31D	714.09	7/28/2021	ND	21.27	0.00	692.82
MW-31D	714.09	8/2/2021	ND	21.44	0.00	692.65
MW-31D	714.09	8/16/2021	ND	21.57	0.00	692.52
MW-31D	714.09	8/26/2021	ND	21.68	0.00	692.41
MW-31D	714.09	8/30/2021	ND	21.65	0.00	692.44
MW-31D	714.09	9/14/2021	ND	21.86	0.00	692.23
MW-31D	714.09	9/23/2021	ND	22.13	0.00	691.96
MW-31D	714.09	10/1/2021	ND	22.26	0.00	691.83
MW-31D	714.09	10/6/2021	ND	22.25	0.00	691.84
MW-31D	714.09	10/12/2021	ND	22.36	0.00	691.73
MW-31D	714.09	10/18/2021	ND	22.47	0.00	691.62
MW-31D	714.09	10/27/2021	ND	22.66	0.00	691.43
MW-31D	714.09	11/1/2021	ND	22.70	0.00	691.39
MW-31D	714.09	11/15/2021	ND	23.04	0.00	691.05
MW-36D	710.81	12/7/2020	ND	24.81	0.00	686.00
MW-36D	710.81	12/21/2020	ND	24.46	0.00	686.35
MW-36D	710.81	12/26/2020	ND	24.49	0.00	686.32
MW-36D	710.81	1/19/2021	ND	24.14	0.00	686.67
MW-36D	710.81	1/25/2021	ND	34.19	0.00	676.62
MW-36D	710.81	2/1/2021	ND	24.21	0.00	686.60
MW-36D	710.81	2/8/2021	ND	24.12	0.00	686.69
MW-36D	710.81	2/16/2021	ND	23.93	0.00	686.88
MW-36D	710.81	2/22/2021	ND	26.35	0.00	684.46
MW-36D	710.81	3/4/2021	ND	23.44	0.00	687.37
MW-36D	710.81	3/8/2021	ND	33.42	0.00	677.39
MW-36D	710.81	3/15/2021	ND	23.40	0.00	687.41
MW-36D	710.81	3/22/2021	ND	23.28	0.00	687.53
MW-36D	710.81	4/1/2021	ND	NM	NM	NM
MW-36D	710.81	4/12/2021	ND	NM	NM	NM
MW-36D	710.81	4/19/2021	ND	NM	NM	NM
MW-36D	710.81	4/29/2021	ND	28.74	0.00	682.07
MW-36D	710.81	5/3/2021	ND	22.34	0.00	688.47

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-36D	710.81	5/10/2021	ND	23.59	0.00	687.22
MW-36D	710.81	5/18/2021	ND	21.44	0.00	689.37
MW-36D	710.81	5/26/2021	ND	21.52	0.00	689.29
MW-36D	710.81	5/31/2021	ND	21.63	0.00	689.18
MW-36D	710.81	6/7/2021	ND	30.94	0.00	679.87
MW-36D	710.81	6/14/2021	ND	22.73	0.00	688.08
MW-36D	710.81	6/21/2021	ND	22.31	0.00	688.50
MW-36D	710.81	7/1/2021	ND	22.63	0.00	688.18
MW-36D	710.81	7/6/2021	ND	22.72	0.00	688.09
MW-36D	710.81	7/14/2021	ND	23.80	0.00	687.01
MW-36D	710.81	7/28/2021	ND	29.17	0.00	681.64
MW-36D	710.81	8/2/2021	ND	24.32	0.00	686.49
MW-36D	710.81	8/16/2021	ND	26.54	0.00	684.27
MW-36D	710.81	8/26/2021	ND	26.92	0.00	683.89
MW-36D	710.81	8/30/2021	ND	27.15	0.00	683.66
MW-36D	710.81	9/14/2021	ND	27.72	0.00	683.09
MW-36D	710.81	9/23/2021	ND	27.99	0.00	682.82
MW-36D	710.81	10/1/2021	ND	29.37	0.00	681.44
MW-36D	710.81	10/6/2021	ND	28.57	0.00	682.24
MW-36D	710.81	10/12/2021	ND	28.80	0.00	682.01
MW-36D	710.81	10/18/2021	ND	29.08	0.00	681.73
MW-36D	710.81	10/27/2021	ND	29.25	0.00	681.56
MW-36D	710.81	11/1/2021	ND	29.40	0.00	681.41
MW-36D	710.81	11/15/2021	ND	30.03	0.00	680.78
MW-57D	686.44	12/7/2020	ND	11.25	0.00	675.19
MW-57D	686.44	12/21/2020	ND	10.87	0.00	675.57
MW-57D	686.44	12/26/2020	ND	10.82	0.00	675.62
MW-57D	686.44	1/10/2021	ND	10.56	0.00	675.88
MW-57D	686.44	1/19/2021	ND	10.73	0.00	675.71
MW-57D	686.44	1/25/2021	ND	10.74	0.00	675.70
MW-57D	686.44	2/1/2021	ND	10.17	0.00	676.27
MW-57D	686.44	2/8/2021	ND	10.16	0.00	676.28
MW-57D	686.44	2/16/2021	ND	9.49	0.00	676.95
MW-57D	686.44	2/22/2021	ND	6.39	0.00	680.05
MW-57D	686.44	3/4/2021	ND	9.08	0.00	677.36
MW-57D	686.44	3/8/2021	ND	9.36	0.00	677.08
MW-57D	686.44	3/15/2021	ND	9.39	0.00	677.05
MW-57D	686.44	3/22/2021	ND	8.92	0.00	677.52
MW-57D	686.44	4/1/2021	ND	8.38	0.00	678.06
MW-57D	686.44	4/12/2021	ND	8.58	0.00	677.86
MW-57D	686.44	4/19/2021	ND	8.93	0.00	677.51

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-57D	686.44	4/29/2021	ND	9.29	0.00	677.15
MW-57D	686.44	5/3/2021	ND	8.98	0.00	677.46
MW-57D	686.44	5/10/2021	ND	9.77	0.00	676.67
MW-57D	686.44	5/18/2021	ND	10.22	0.00	676.22
MW-57D	686.44	5/26/2021	ND	10.72	0.00	675.72
MW-57D	686.44	5/31/2021	ND	11.17	0.00	675.27
MW-57D	686.44	6/7/2021	ND	11.36	0.00	675.08
MW-57D	686.44	6/14/2021	ND	11.22	0.00	675.22
MW-57D	686.44	6/21/2021	ND	11.48	0.00	674.96
MW-57D	686.44	7/1/2021	ND	11.89	0.00	674.55
MW-57D	686.44	7/6/2021	ND	12.51	0.00	673.93
MW-57D	686.44	7/14/2021	ND	12.51	0.00	673.93
MW-57D	686.44	7/28/2021	ND	12.34	0.00	674.10
MW-57D	686.44	8/2/2021	ND	12.67	0.00	673.77
MW-57D	686.44	8/16/2021	ND	13.30	0.00	673.14
MW-57D	686.44	8/26/2021	ND	13.48	0.00	672.96
MW-57D	686.44	8/30/2021	ND	13.65	0.00	672.79
MW-57D	686.44	9/14/2021	ND	14.53	0.00	671.91
MW-57D	686.44	9/23/2021	ND	14.60	0.00	671.84
MW-57D	686.44	10/1/2021	ND	15.10	0.00	671.34
MW-57D	686.44	10/6/2021	ND	15.15	0.00	671.29
MW-57D	686.44	10/12/2021	ND	15.15	0.00	671.29
MW-57D	686.44	10/18/2021	ND	15.48	0.00	670.96
MW-57D	686.44	10/27/2021	ND	15.75	0.00	670.69
MW-57D	686.44	11/1/2021	ND	15.78	0.00	670.66
MW-57D	686.44	11/15/2021	ND	15.85	0.00	670.59
MW-59D	720.98	12/7/2020	ND	60.12	0.00	660.86
MW-59D	720.98	12/21/2020	ND	35.43	0.00	685.55
MW-59D	720.98	12/26/2020	ND	34.71	0.00	686.27
MW-59D	720.98	1/10/2021	ND	38.82	0.00	682.16
MW-59D	720.98	1/19/2021	ND	34.70	0.00	686.28
MW-59D	720.98	1/25/2021	ND	34.36	0.00	686.62
MW-59D	720.98	2/1/2021	ND	34.04	0.00	686.94
MW-59D	720.98	2/8/2021	ND	33.93	0.00	687.05
MW-59D	720.98	2/16/2021	ND	36.06	0.00	684.92
MW-59D	720.98	2/22/2021	ND	33.99	0.00	686.99
MW-59D	720.98	3/4/2021	ND	33.47	0.00	687.51
MW-59D	720.98	3/8/2021	ND	33.46	0.00	687.52
MW-59D	720.98	3/15/2021	ND	34.11	0.00	686.87
MW-59D	720.98	3/22/2021	ND	33.37	0.00	687.61
MW-59D	720.98	4/1/2021	ND	25.85	0.00	695.13

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-59D	720.98	4/12/2021	ND	65.32	0.00	655.66
MW-59D	720.98	4/19/2021	ND	62.76	0.00	658.22
MW-59D	720.98	4/29/2021	ND	60.18	0.00	660.80
MW-59D	720.98	5/3/2021	ND	59.44	0.00	661.54
MW-59D	720.98	5/10/2021	ND	139.60	0.00	581.38
MW-59D	720.98	5/18/2021	ND	133.57	0.00	587.41
MW-59D	720.98	5/26/2021	ND	128.87	0.00	592.11
MW-59D	720.98	5/31/2021	ND	126.88	0.00	594.10
MW-59D	720.98	6/7/2021	ND	148.30	0.00	572.68
MW-59D	720.98	6/14/2021	ND	146.09	0.00	574.89
MW-59D	720.98	6/21/2021	ND	144.16	0.00	576.82
MW-59D	720.98	7/1/2021	ND	141.79	0.00	579.19
MW-59D	720.98	7/6/2021	ND	140.70	0.00	580.28
MW-59D	720.98	7/14/2021	ND	NM	NM	NM
MW-59D	720.98	7/28/2021	ND	159.10	0.00	561.88
MW-59D	720.98	8/2/2021	ND	158.88	0.00	562.10
MW-59D	720.98	8/16/2021	ND	158.34	0.00	562.64
MW-59D	720.98	8/26/2021	ND	158.03	0.00	562.95
MW-59D	720.98	8/30/2021	ND	157.89	0.00	563.09
MW-59D	720.98	9/14/2021	ND	157.51	0.00	563.47
MW-59D	720.98	9/23/2021	NM	NM	NM	NM
MW-59D	720.98	10/1/2021	ND	157.17	0.00	563.81
MW-59D	720.98	10/6/2021	ND	157.02	0.00	563.96
MW-59D	720.98	10/12/2021	ND	156.94	0.00	564.04
MW-59D	720.98	10/18/2021	ND	156.69	0.00	564.29
MW-59D	720.98	10/27/2021	ND	156.50	0.00	564.48
MW-59D	720.98	11/1/2021	ND	156.40	0.00	564.58
MW-59D	720.98	11/15/2021	ND	156.98	0.00	564.00
MW-61D	745.40	11/23/2020	ND	NM	NM	NM
MW-61D	745.40	12/7/2020	ND	53.30	0.00	692.10
MW-61D	745.40	12/21/2020	ND	53.50	0.00	691.90
MW-61D	745.40	12/26/2020	ND	53.56	0.00	691.84
MW-61D	745.40	1/10/2021	ND	53.83	0.00	691.57
MW-61D	745.50	1/19/2021	ND	53.94	0.00	691.56
MW-61D	745.50	1/25/2021	ND	53.88	0.00	691.62
MW-61D	745.50	2/1/2021	ND	53.86	0.00	691.64
MW-61D	745.50	2/8/2021	ND	54.21	0.00	691.29
MW-61D	745.50	2/16/2021	ND	53.91	0.00	691.59
MW-61D	745.50	2/22/2021	ND	53.82	0.00	691.68
MW-61D	745.50	3/4/2021	ND	53.82	0.00	691.68
MW-61D	745.50	3/8/2021	ND	53.92	0.00	691.58

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-61D	745.50	3/15/2021	ND	54.05	0.00	691.45
MW-61D	745.50	3/22/2021	ND	53.98	0.00	691.52
MW-61D	745.50	4/1/2021	ND	54.15	0.00	691.35
MW-61D	745.50	4/12/2021	ND	54.27	0.00	691.23
MW-61D	745.50	4/19/2021	ND	54.32	0.00	691.18
MW-61D	745.50	4/29/2021	ND	54.12	0.00	691.38
MW-61D	745.50	5/3/2021	ND	54.20	0.00	691.30
MW-61D	745.50	5/10/2021	ND	55.32	0.00	690.18
MW-61D	745.50	5/18/2021	ND	54.31	0.00	691.19
MW-61D	745.50	5/26/2021	ND	54.14	0.00	691.36
MW-61D	745.50	5/31/2021	ND	54.34	0.00	691.16
MW-61D	745.50	6/7/2021	ND	54.37	0.00	691.13
MW-61D	745.50	6/14/2021	ND	54.15	0.00	691.35
MW-61D	745.50	6/21/2021	ND	54.43	0.00	691.07
MW-61D	745.50	7/1/2021	ND	54.45	0.00	691.05
MW-61D	745.50	7/6/2021	ND	54.68	0.00	690.82
MW-61D	745.50	7/14/2021	ND	54.61	0.00	690.89
MW-61D	745.50	7/28/2021	ND	54.93	0.00	690.57
MW-61D	745.50	8/2/2021	ND	55.16	0.00	690.34
MW-61D	745.50	8/16/2021	ND	55.30	0.00	690.20
MW-61D	745.50	8/26/2021	ND	55.38	0.00	690.12
MW-61D	745.50	8/30/2021	ND	56.43	0.00	689.07
MW-61D	745.50	9/14/2021	ND	56.09	0.00	689.41
MW-61D	745.50	9/23/2021	ND	55.99	0.00	689.51
MW-61D	745.50	10/1/2021	ND	56.06	0.00	689.44
MW-61D	745.50	10/6/2021	ND	56.62	0.00	688.88
MW-61D	745.50	10/12/2021	ND	56.61	0.00	688.89
MW-61D	745.50	10/18/2021	ND	56.80	0.00	688.70
MW-61D	745.50	10/27/2021	ND	56.71	0.00	688.79
MW-61D	745.50	11/1/2021	ND	56.97	0.00	688.53
MW-61D	745.50	11/15/2021	ND	57.50	0.00	688.00
MW-62D	729.92	1/19/2020	ND	54.22	0.00	675.70
MW-62D	729.92	12/7/2020	ND	54.99	0.00	674.93
MW-62D	729.92	12/21/2020	ND	54.05	0.00	675.87
MW-62D	729.92	12/26/2020	ND	54.19	0.00	675.73
MW-62D	729.92	1/10/2021	ND	54.07	0.00	675.85
MW-62D	729.92	1/25/2021	ND	54.00	0.00	675.92
MW-62D	729.92	2/1/2021	ND	54.15	0.00	675.77
MW-62D	729.92	2/8/2021	ND	53.62	0.00	676.30
MW-62D	729.92	2/16/2021	ND	53.76	0.00	676.16
MW-62D	729.92	2/22/2021	ND	53.38	0.00	676.54

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-62D	729.92	3/4/2021	ND	53.03	0.00	676.89
MW-62D	729.92	3/8/2021	ND	53.60	0.00	676.32
MW-62D	729.92	3/15/2021	ND	53.87	0.00	676.05
MW-62D	729.92	3/22/2021	ND	53.46	0.00	676.46
MW-62D	729.92	4/1/2021	ND	52.96	0.00	676.96
MW-62D	729.92	4/12/2021	ND	53.23	0.00	676.69
MW-62D	729.92	4/19/2021	ND	53.97	0.00	675.95
MW-62D	729.92	4/29/2021	ND	53.90	0.00	676.02
MW-62D	729.92	5/3/2021	ND	53.84	0.00	676.08
MW-62D	729.92	5/10/2021	ND	54.40	0.00	675.52
MW-62D	729.92	5/18/2021	ND	53.51	0.00	676.41
MW-62D	729.92	5/26/2021	ND	54.40	0.00	675.52
MW-62D	729.92	5/31/2021	ND	54.91	0.00	675.01
MW-62D	729.92	6/7/2021	ND	54.91	0.00	675.01
MW-62D	729.92	6/14/2021	ND	55.10	0.00	674.82
MW-62D	729.92	6/21/2021	ND	54.51	0.00	675.41
MW-62D	729.92	7/1/2021	ND	54.61	0.00	675.31
MW-62D	729.92	7/6/2021	ND	55.07	0.00	674.85
MW-62D	729.92	7/14/2021	ND	55.17	0.00	674.75
MW-62D	729.92	7/28/2021	ND	55.50	0.00	674.42
MW-62D	729.92	8/2/2021	ND	55.43	0.00	674.49
MW-62D	729.92	8/16/2021	ND	55.92	0.00	674.00
MW-62D	729.92	8/26/2021	ND	55.83	0.00	674.09
MW-62D	729.92	8/30/2021	ND	56.36	0.00	673.56
MW-62D	729.92	9/14/2021	ND	56.26	0.00	673.66
MW-62D	729.92	9/23/2021	ND	56.42	0.00	673.50
MW-62D	729.92	10/1/2021	ND	37.31	0.00	692.61
MW-62D	729.92	10/6/2021	ND	57.29	0.00	672.63
MW-62D	729.92	10/12/2021	ND	59.48	0.00	670.44
MW-62D	729.92	10/18/2021	ND	58.05	0.00	671.87
MW-62D	729.92	10/27/2021	ND	57.16	0.00	672.76
MW-62D	729.92	11/1/2021	ND	57.08	0.00	672.84
MW-62D	729.92	11/15/2021	ND	57.52	0.00	672.40
MW-65D	714.15	12/26/2020	ND	23.15	0.00	691.00
MW-65D	714.15	1/10/2021	ND	22.93	0.00	691.22
MW-65D	714.15	1/19/2021	ND	22.95	0.00	691.20
MW-65D	714.15	2/1/2021	ND	22.76	0.00	691.39
MW-65D	714.15	2/8/2021	ND	22.89	0.00	691.26
MW-65D	714.15	2/16/2021	ND	22.62	0.00	691.53
MW-65D	714.15	2/22/2021	ND	22.53	0.00	691.62
MW-65D	714.15	3/4/2021	ND	22.31	0.00	691.84

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-65D	714.15	3/8/2021	ND	22.38	0.00	691.77
MW-65D	714.15	3/15/2021	ND	22.22	0.00	691.93
MW-65D	714.15	3/22/2021	ND	22.12	0.00	692.03
MW-65D	714.15	4/1/2021	ND	21.79	0.00	692.36
MW-65D	714.15	4/12/2021	ND	21.78	0.00	692.37
MW-65D	714.15	4/19/2021	ND	21.75	0.00	692.40
MW-65D	714.15	4/29/2021	ND	21.78	0.00	692.37
MW-65D	714.15	5/3/2021	ND	21.79	0.00	692.36
MW-65D	714.15	5/10/2021	ND	21.94	0.00	692.21
MW-65D	714.15	5/18/2021	ND	22.14	0.00	692.01
MW-65D	714.15	5/26/2021	ND	22.23	0.00	691.92
MW-65D	714.15	5/31/2021	ND	22.43	0.00	691.72
MW-65D	714.15	6/7/2021	ND	22.51	0.00	691.64
MW-65D	714.15	6/14/2021	ND	22.57	0.00	691.58
MW-65D	714.15	6/21/2021	ND	22.72	0.00	691.43
MW-65D	714.15	7/1/2021	ND	22.86	0.00	691.29
MW-65D	714.15	7/6/2021	ND	23.05	0.00	691.10
MW-65D	714.15	7/14/2021	ND	23.23	0.00	690.92
MW-65D	714.15	7/28/2021	ND	23.31	0.00	690.84
MW-65D	714.15	8/2/2021	ND	23.48	0.00	690.67
MW-65D	714.15	8/16/2021	ND	23.73	0.00	690.42
MW-65D	714.15	8/26/2021	ND	23.92	0.00	690.23
MW-65D	714.15	8/30/2021	ND	23.98	0.00	690.17
MW-65D	714.15	9/14/2021	ND	24.33	0.00	689.82
MW-65D	714.15	9/23/2021	ND	24.55	0.00	689.60
MW-65D	714.15	10/1/2021	ND	24.68	0.00	689.47
MW-65D	714.15	10/6/2021	ND	23.91	0.00	690.24
MW-65D	714.15	10/12/2021	ND	25.87	0.00	688.28
MW-65D	714.15	10/18/2021	ND	25.06	0.00	689.09
MW-65D	714.15	10/27/2021	ND	25.23	0.00	688.92
MW-65D	714.15	11/1/2021	ND	25.41	0.00	688.74
MW-65D	714.15	11/15/2021	ND	25.63	0.00	688.52
MW-79D	720.52	3/4/2021	ND	85.61	0.00	634.91
MW-79D	720.52	3/8/2021	ND	42.71	0.00	677.81
MW-79D	720.52	3/15/2021	ND	44.79	0.00	675.73
MW-79D	720.52	3/22/2021	ND	44.53	0.00	675.99
MW-79D	721.56	4/1/2021	ND	40.69	0.00	680.87
MW-79D	721.56	4/12/2021	ND	41.05	0.00	680.51
MW-79D	721.56	4/19/2021	ND	41.85	0.00	679.71
MW-79D	721.56	4/29/2021	ND	41.85	0.00	679.71
MW-79D	721.56	5/3/2021	ND	41.76	0.00	679.80

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-79D	717.32	5/10/2021	ND	41.31	0.00	676.01
MW-79D	717.32	5/18/2021	ND	41.47	0.00	675.85
MW-79D	717.32	5/26/2021	ND	42.37	0.00	674.95
MW-79D	717.32	5/31/2021	ND	42.88	0.00	674.44
MW-79D	717.32	6/7/2021	ND	42.88	0.00	674.44
MW-79D	717.32	6/14/2021	ND	43.04	0.00	674.28
MW-79D	717.32	6/21/2021	ND	42.46	0.00	674.86
MW-79D	717.32	7/1/2021	ND	42.60	0.00	674.72
MW-79D	717.32	7/6/2021	ND	43.02	0.00	674.30
MW-79D	717.32	7/14/2021	ND	43.17	0.00	674.15
MW-79D	717.32	7/28/2021	ND	43.44	0.00	673.88
MW-79D	717.32	8/2/2021	ND	43.38	0.00	673.94
MW-79D	717.32	8/16/2021	ND	43.92	0.00	673.40
MW-79D	717.32	8/26/2021	ND	43.69	0.00	673.63
MW-79D	717.32	8/30/2021	ND	44.44	0.00	672.88
MW-79D	717.32	9/14/2021	ND	44.29	0.00	673.03
MW-79D	717.32	9/23/2021	ND	44.28	0.00	673.04
MW-79D	717.32	10/1/2021	ND	45.26	0.00	672.06
MW-79D	717.32	10/6/2021	ND	45.34	0.00	671.98
MW-79D	717.32	10/12/2021	ND	47.16	0.00	670.16
MW-79D	717.32	10/18/2021	ND	45.97	0.00	671.35
MW-79D	717.32	10/27/2021	ND	45.10	0.00	672.22
MW-79D	717.32	11/1/2021	ND	44.99	0.00	672.33
MW-79D	717.32	11/15/2021	ND	45.50	0.00	671.82
MW-81D	720.45	6/21/2021	ND	45.24	0.00	675.21
MW-81D	720.45	7/1/2021	ND	45.38	0.00	675.07
MW-81D	720.45	7/6/2021	ND	45.87	0.00	674.58
MW-81D	720.45	7/14/2021	ND	45.97	0.00	674.48
MW-81D	720.45	7/28/2021	ND	46.16	0.00	674.29
MW-81D	720.45	8/2/2021	ND	46.24	0.00	674.21
MW-81D	720.45	8/16/2021	ND	46.74	0.00	673.71
MW-81D	720.45	8/26/2021	ND	46.60	0.00	673.85
MW-81D	720.45	8/30/2021	ND	47.30	0.00	673.15
MW-81D	720.45	9/14/2021	ND	47.07	0.00	673.38
MW-81D	720.45	9/23/2021	ND	47.20	0.00	673.25
MW-81D	720.45	10/1/2021	ND	47.33	0.00	673.12
MW-81D	720.45	10/6/2021	ND	48.09	0.00	672.36
MW-81D	720.45	10/12/2021	ND	49.47	0.00	670.98
MW-81D	720.45	10/18/2021	ND	48.76	0.00	671.69
MW-81D	720.45	10/27/2021	ND	48.18	0.00	672.27
MW-81D	720.45	11/1/2021	ND	47.86	0.00	672.59

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-81D	720.45	11/15/2021	ND	48.32	0.00	672.13
MW-89D	731.52	8/30/2021	ND	47.35	0.00	684.17
MW-89D	731.52	9/14/2021	ND	49.07	0.00	682.45
MW-89D	731.52	9/23/2021	ND	49.29	0.00	682.23
MW-89D	731.52	10/1/2021	ND	49.51	0.00	682.01
MW-89D	731.52	10/6/2021	ND	49.50	0.00	682.02
MW-89D	731.52	10/12/2021	ND	49.65	0.00	681.87
MW-89D	731.52	10/18/2021	ND	49.86	0.00	681.66
MW-89D	731.52	10/27/2021	ND	50.03	0.00	681.49
MW-89D	731.52	11/1/2021	ND	49.70	0.00	681.82
MW-89D	731.52	11/15/2021	ND	14.78	0.00	716.74
MW-90D	730.09	5/26/2021	35.13	45.41	10.28	692.21
MW-90D	730.09	5/31/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	6/7/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	6/14/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	6/21/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	7/1/2021	34.41	45.77	11.36	692.64
MW-90D	730.09	7/6/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	7/14/2021	37.54	39.02	1.48	692.15
MW-90D	730.09	7/28/2021	38.20	39.42	1.22	691.56
MW-90D	730.09	8/16/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	8/26/2021	48.95	50.70	1.75	680.67
MW-90D	730.09	8/30/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	9/16/2021	40.58	40.74	0.16	689.47
MW-90D	730.09	9/23/2021	40.48	41.69	1.21	689.29
MW-90D	730.09	10/12/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	10/18/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	10/27/2021	41.60	42.66	1.06	688.21
MW-90D	730.09	11/1/2021	ARP	ARP	ARP	ARP
MW-90DD	731.00	9/23/2021	ND	122.45	0.00	608.55
MW-90DD	731.00	10/1/2021	ND	98.93	0.00	632.07
MW-90DD	731.00	10/6/2021	ND	91.89	0.00	639.11
MW-90DD	731.00	10/12/2021	ND	78.43	0.00	652.57
MW-90DD	731.00	10/18/2021	ND	70.84	0.00	660.16
MW-90DD	731.00	10/27/2021	ND	63.45	0.00	667.55
MW-90DD	731.00	11/1/2021	ND	59.85	0.00	671.15
MW-90DD	731.00	11/15/2021	ND	55.78	0.00	675.22
MW-91D	735.84	5/26/2021	38.46	53.25	14.79	693.42
MW-91D	735.84	5/31/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	6/7/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	6/14/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-91D	735.84	6/21/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	7/1/2021	40.93	47.81	6.88	693.07
MW-91D	735.84	7/6/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	7/14/2021	42.86	44.65	1.79	692.50
MW-91D	735.84	7/28/2021	43.45	45.05	1.60	691.96
MW-91D	735.84	8/16/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	8/26/2021	NP	45.24	0.00	690.60
MW-91D	735.84	8/30/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	9/16/2021	45.49	46.92	1.43	689.97
MW-91D	735.84	9/23/2021	45.43	47.05	1.62	689.98
MW-91D	735.84	10/12/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	10/18/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	10/27/2021	46.53	48.00	1.47	688.92
MW-91D	735.84	11/1/2021	ARP	ARP	ARP	ARP
MW-91DD	735.19	9/23/2021	ND	196.36	0.00	538.83
MW-91DD	735.19	10/1/2021	ND	190.38	0.00	544.81
MW-91DD	735.19	10/6/2021	ND	193.16	0.00	542.03
MW-91DD	735.19	10/12/2021	ND	187.03	0.00	548.16
MW-91DD	735.19	10/18/2021	ND	182.15	0.00	553.04
MW-91DD	735.19	10/27/2021	ND	175.43	0.00	559.76
MW-91DD	735.19	11/1/2021	ND	171.59	0.00	563.60
MW-91DD	735.19	11/15/2021	ND	174.39	0.00	560.80
MW-97D	699.32	10/18/2021	ND	23.42	0.00	675.90
MW-97D	699.32	10/27/2021	ND	23.35	0.00	675.97
MW-97D	699.32	11/1/2021	ND	23.63	0.00	675.69
MW-97D	699.32	11/15/2021	ND	27.44	0.00	671.88

Notes:

ft btoc = Feet Below Top of Casing

N/A = Not Applicable

MW = Monitoring Well

ND = Not Detected

ARP = Active Recovery Pump in Well

NM = Not Measured

[1] = Elevations surveyed in feet using the NAVD88 vertical datum

[2] = Corrected Groundwater Elevation = (Top of Casing - Depth to Water) + (Free Product Thickness x 0.7324)

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-01	733.43	9/1/2020	28.60	36.95	8.35	702.59
RW-01	733.43	9/3/2020	30.60	35.95	5.35	701.39
RW-01	733.43	9/5/2020	29.11	37.05	7.94	702.19
RW-01	733.43	9/8/2020	29.40	36.95	7.55	702.00
RW-01	733.43	9/9/2020	29.50	37.10	7.60	701.89
RW-01	733.43	9/12/2020	30.00	36.95	6.95	701.57
RW-01	733.43	9/14/2020	30.00	37.20	7.20	701.50
RW-01	733.43	9/18/2020	30.80	37.00	6.20	700.97
RW-01	733.43	9/28/2020	31.15	37.00	5.85	700.71
RW-01	733.43	10/2/2020	31.30	37.15	5.85	700.56
RW-01	733.43	10/7/2020	31.65	37.20	5.55	700.29
RW-01	733.43	10/19/2020	32.12	37.00	4.88	700.00
RW-01	733.43	11/9/2020	33.10	37.13	4.03	699.25
RW-01	733.43	11/23/2020	33.45	37.18	3.73	698.98
RW-01	733.43	12/26/2020	32.81	32.82	0.01	700.61
RW-01	733.43	2/1/2021	33.57	35.48	1.91	699.34
RW-01	732.08	3/4/2021	34.24	35.71	1.47	697.45
RW-01	732.08	4/1/2021	35.21	35.72	0.51	696.74
RW-01	732.09	4/29/2021	35.11	35.73	0.62	696.81
RW-01	732.09	5/26/2021	Dry	Dry	Dry	Dry
RW-01	732.09	5/31/2021	Dry	Dry	Dry	Dry
RW-01	732.09	6/9/2021	Dry	Dry	Dry	Dry
RW-01	732.09	7/1/2021	Dry	Dry	Dry	Dry
RW-01	732.09	7/14/2021	Dry	Dry	Dry	Dry
RW-01	732.09	7/28/2021	Dry	Dry	Dry	Dry
RW-01	732.09	8/26/2021	Dry	Dry	Dry	Dry
RW-01	732.09	9/16/2021	Dry	Dry	Dry	Dry
RW-01	732.09	9/23/2021	Dry	Dry	Dry	Dry
RW-01	732.09	10/27/2021	Dry	Dry	Dry	Dry
RW-02	731.66	9/1/2020	27.30	39.60	12.30	701.07
RW-02	731.66	9/5/2020	27.66	39.67	12.01	700.79
RW-02	731.66	9/8/2020	27.90	39.65	11.75	700.62
RW-02	731.66	9/9/2020	28.65	39.65	11.00	700.07
RW-02	731.66	9/12/2020	28.43	38.95	10.52	700.41
RW-02	731.66	9/14/2020	28.43	39.70	11.27	700.21
RW-02	731.66	9/18/2020	29.10	38.60	9.50	700.02
RW-02	731.66	9/28/2020	29.52	39.42	9.90	699.49
RW-02	731.66	10/2/2020	29.70	39.70	10.00	699.28
RW-02	731.66	10/7/2020	30.04	39.68	9.64	699.04
RW-02	731.66	10/19/2020	30.45	39.65	9.20	698.75

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-02	731.66	11/9/2020	31.38	39.65	8.27	698.07
RW-02	731.66	11/23/2020	ND	31.80	0.00	699.86
RW-02	731.66	12/26/2020	ND	37.81	0.00	693.85
RW-02	731.66	2/1/2021	ND	33.39	0.00	698.27
RW-02	732.05	3/4/2021	33.97	38.32	4.35	696.92
RW-02	732.05	4/1/2021	34.79	36.17	1.38	696.89
RW-02	732.05	4/29/2021	34.82	35.40	0.58	697.07
RW-02	732.05	5/26/2021	35.57	36.50	0.93	696.23
RW-02	732.05	6/9/2021	36.00	36.92	0.92	695.80
RW-02	732.05	7/1/2021	36.53	37.13	0.60	695.36
RW-02	732.05	7/14/2021	36.98	37.73	0.75	694.86
RW-02	732.05	7/28/2021	37.23	38.06	0.83	694.60
RW-02	732.05	8/26/2021	37.65	38.83	1.18	694.09
RW-02	732.05	9/16/2021	ND	37.82	0.00	694.23
RW-02	732.05	9/23/2021	37.83	39.95	2.12	693.66
RW-02	732.05	10/27/2021	38.53	NW		NW
RW-03	731.51	9/1/2020	34.15	37.55	3.40	696.45
RW-03	731.51	9/3/2020	37.20	37.26	0.06	694.30
RW-03	731.51	9/5/2020	35.50	37.44	1.94	695.49
RW-03	731.51	9/8/2020	34.80	35.95	1.15	696.40
RW-03	731.51	9/9/2020	33.95	38.80	4.85	696.26
RW-03	731.51	9/11/2020	34.92	36.60	1.68	696.14
RW-03	731.51	9/12/2020	34.85	36.35	1.50	696.26
RW-03	731.51	9/14/2020	33.91	36.97	3.06	696.78
RW-03	731.51	9/18/2020	34.20	37.10	2.90	696.54
RW-03	731.51	9/28/2020	33.85	37.55	3.70	696.67
RW-03	731.51	10/2/2020	34.72	38.17	3.45	695.87
RW-03	731.51	10/6/2020	33.55	38.80	5.25	696.56
RW-03	731.51	10/19/2020	33.00	38.89	5.89	696.94
RW-03	731.51	11/9/2020	33.31	38.84	5.53	696.72
RW-03	731.51	12/26/2020	31.85	36.45	4.60	698.43
RW-03	731.51	2/1/2021	31.66	36.52	4.86	698.55
RW-03	731.51	3/4/2021	32.01	36.53	4.52	698.29
RW-03	731.51	4/1/2021	ND	32.31	0.00	699.20
RW-03	731.51	4/29/2021	32.05	36.54	4.49	698.26
RW-03	731.51	5/26/2021	32.51	38.00	5.49	697.53
RW-03	731.51	6/9/2021	32.67	36.60	3.93	697.79
RW-03	731.51	7/1/2021	33.08	NW	>3.92	NW
RW-03	731.51	7/14/2021	33.31	36.51	3.20	697.35
RW-03	731.51	7/28/2021	33.75	NW	>3.20	NW

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-03	731.51	8/26/2021	34.49	36.60	2.11	696.46
RW-03	731.51	9/16/2021	35.08	NW	>1.92	NW
RW-03	731.51	9/23/2021	35.37	36.59	1.22	695.82
RW-03	731.51	10/27/2021	36.48	NW	>1.93	NW
RW-04	729.41	9/3/2020	*36.10*	*37.60*	1.50	692.91
RW-04	729.41	9/5/2020	*32.10*	*35.81*	3.71	696.32
RW-04	729.41	9/8/2020	*31.35*	*36.20*	4.85	696.76
RW-04	729.41	9/11/2020	*31.85*	*34.85*	3.00	696.76
RW-04	729.41	9/12/2020	*32.60*	*35.15*	2.55	696.13
RW-04	729.41	9/14/2020	*31.00*	*35.00*	4.00	697.34
RW-04	729.41	9/18/2020	30.60	33.80	3.20	697.95
RW-04	729.41	9/28/2020	28.00	36.70	8.70	699.08
RW-04	729.41	10/2/2020	27.93	37.00	9.07	699.05
RW-04	729.41	10/5/2020	28.20	36.95	8.75	698.87
RW-04	729.41	10/19/2020	28.60	37.00	8.40	698.56
RW-04	729.41	11/9/2020	30.16	36.18	6.02	697.64
RW-04	729.41	11/23/2020	30.00	36.54	6.54	697.66
RW-04	729.41	12/26/2020	38.25	47.20	8.95	688.76
RW-04	729.41	2/1/2021	30.99	33.05	2.06	697.87
RW-04	729.41	3/4/2021	32.28	35.51	3.23	696.26
RW-04	729.41	4/1/2021	ND	32.42	0.00	696.99
RW-04	729.41	4/29/2021	32.43	35.74	3.31	696.09
RW-04	729.41	5/26/2021	33.83	34.29	0.46	695.46
RW-04	729.41	6/9/2021	34.28	34.69	0.41	695.02
RW-04	729.41	7/1/2021	34.68	35.32	0.64	694.56
RW-04	729.41	7/14/2021	35.14	35.52	0.38	694.17
RW-04	729.41	7/28/2021	32.96	33.02	0.06	696.43
RW-04	729.41	8/26/2021	35.17	36.04	0.87	694.01
RW-04	729.41	9/16/2021	36.37	36.48	0.11	693.01
RW-04	729.41	9/23/2021	36.32	36.54	0.22	693.03
RW-04	729.41	10/27/2021	DRY	DRY	DRY	DRY
RW-05	726.29	9/1/2020	27.00	32.55	5.55	697.81
RW-05	726.29	9/3/2020	*31.65*	*36.65*	5.00	693.30
RW-05	726.29	9/5/2020	*26.75*	*33.31*	6.56	697.79
RW-05	726.29	9/8/2020	26.04	33.30	7.26	698.31
RW-05	726.29	9/11/2020	26.60	31.60	5.00	698.35
RW-05	726.29	9/12/2020	27.15	29.60	2.45	698.49
RW-05	726.29	9/14/2020	26.80	29.92	3.12	698.66
RW-05	726.29	9/18/2020	27.70	28.80	1.10	698.30
RW-05	726.29	9/28/2020	27.60	29.35	1.75	698.22

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-05	726.29	10/2/2020	27.30	31.30	4.00	697.92
RW-05	726.29	10/5/2020	27.13	32.00	4.87	697.86
RW-05	726.29	10/19/2020	25.90	36.76	10.86	697.48
RW-05	726.29	11/9/2020	26.95	35.93	8.98	696.94
RW-05	726.29	11/23/2020	27.40	30.30	2.90	698.11
RW-05	726.29	12/26/2020	29.70	32.30	2.60	695.90
RW-05	726.29	2/1/2021	29.81	31.90	2.09	695.92
RW-05	726.29	3/4/2021	ND	30.03	0.00	696.26
RW-05	726.29	4/1/2021	ND	29.64	0.00	696.65
RW-05	726.29	4/29/2021	29.85	29.87	0.02	696.44
RW-05	726.29	5/26/2021	30.37	30.85	0.48	695.79
RW-05	726.29	6/9/2021	30.70	31.05	0.35	695.50
RW-05	726.29	7/1/2021	31.23	31.49	0.26	694.99
RW-05	726.29	7/14/2021	31.59	31.83	0.24	694.64
RW-05	726.29	7/28/2021	31.80	31.84	0.04	694.48
RW-05	726.29	8/26/2021	32.31	32.40	0.09	693.96
RW-05	726.29	9/16/2021	32.63	32.88	0.25	693.59
RW-05	726.29	9/23/2021	32.73	32.93	0.20	693.51
RW-05	726.29	10/27/2021	33.49	33.65	0.16	692.76
RW-06	734.78	9/1/2020	*37.65*	*43.85*	6.20	695.47
RW-06	734.78	9/3/2020	*44.70*	*45.10*	0.40	689.97
RW-06	734.78	9/5/2020	*38.33*	*43.73*	5.40	695.00
RW-06	734.78	9/8/2020	45.22	45.50	0.28	689.48
RW-06	734.78	9/9/2020	37.42	43.32	5.90	695.78
RW-06	734.78	9/11/2020	39.30	42.55	3.25	694.61
RW-06	734.78	9/12/2020	38.35	41.70	3.35	695.53
RW-06	734.78	9/14/2020	37.25	42.00	4.75	696.26
RW-06	734.78	9/18/2020	38.90	43.15	4.25	694.74
RW-06	734.78	9/28/2020	36.05	47.53	11.48	695.65
RW-06	734.78	10/2/2020	37.00	43.50	6.50	696.04
RW-06	734.78	10/5/2020	36.95	44.47	7.52	695.81
RW-06	734.78	10/19/2020	36.76	47.73	10.97	695.08
RW-06	734.78	11/9/2020	37.50	46.91	9.41	694.76
RW-06	734.78	11/23/2020	37.80	46.80	9.00	694.57
RW-06	734.78	12/26/2020	28.07	36.03	7.96	704.58
RW-06	734.78	2/1/2021	39.36	45.89	6.53	693.67
RW-06	734.78	3/4/2021	39.98	45.07	5.09	693.43
RW-06	734.78	4/1/2021	40.50	45.39	4.89	692.97
RW-06	734.78	4/29/2021	40.49	44.47	3.98	693.23
RW-06	734.78	5/26/2021	41.39	44.19	2.80	692.64

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-06	734.78	6/9/2021	42.20	43.39	1.19	692.26
RW-06	734.78	7/1/2021	42.67	44.06	1.39	691.74
RW-06	734.78	7/14/2021	42.57	45.93	3.36	691.31
RW-06	734.78	7/28/2021	42.73	45.93	3.20	691.19
RW-06	734.78	8/26/2021	43.75	45.62	1.87	690.53
RW-06	734.78	9/16/2021	44.73	45.14	0.41	689.94
RW-06	734.78	9/23/2021	44.76	45.32	0.56	689.87
RW-06	734.78	10/27/2021	45.43	46.59	1.16	689.04
RW-07	726.92	9/5/2020	34.20	41.55	7.35	690.75
RW-07	726.92	9/8/2020	33.70	46.00	12.30	689.92
RW-07	726.92	9/9/2020	37.45	40.82	3.37	688.56
RW-07	726.92	9/10/2020	36.40	39.90	3.50	689.58
RW-07	726.92	9/12/2020	33.52	45.60	12.08	690.16
RW-07	726.92	9/14/2020	34.01	40.09	6.08	691.28
RW-07	726.92	9/18/2020	36.50	42.30	5.80	688.86
RW-07	726.92	9/28/2020	32.50	45.30	12.80	690.99
RW-07	726.92	10/2/2020	33.52	40.95	7.43	691.41
RW-07	726.92	10/6/2020	33.50	42.83	9.33	690.92
RW-07	726.92	10/19/2020	32.80	46.13	13.33	690.55
RW-07	726.92	11/9/2020	33.30	46.20	12.90	690.16
RW-07	726.92	11/23/2020	33.40	45.70	12.30	690.22
RW-07	726.92	10/21/2020	32.80	46.13	13.33	690.55
RW-07	726.92	12/26/2020	31.87	33.51	1.64	694.61
RW-07	726.92	2/1/2021	33.56	39.93	6.37	691.65
RW-07	726.92	3/4/2021	33.74	39.95	6.21	691.51
RW-07	726.92	4/1/2021	33.91	39.98	6.07	691.38
RW-07	726.92	4/29/2021	33.82	39.59	5.77	691.55
RW-07	726.92	5/26/2021	34.20	39.67	5.47	691.25
RW-07	726.92	6/9/2021	34.32	39.80	5.48	691.13
RW-07	726.92	7/1/2021	34.40	41.42	7.02	690.64
RW-07	726.92	7/14/2021	34.85	39.93	5.08	690.71
RW-07	726.92	7/28/2021	35.17	40.92	5.75	690.21
RW-07	726.92	8/26/2021	36.07	41.35	5.28	689.44
RW-07	726.92	9/16/2021	36.81	41.44	4.63	688.87
RW-07	726.92	9/23/2021	37.37	40.79	3.42	688.64
RW-07	726.92	10/27/2021	38.71	40.35	1.64	687.77
RW-08	730.40	9/6/2020	ND	38.36	0.00	692.04
RW-08	730.40	9/8/2020	ND	38.32	0.00	692.08
RW-08	730.40	9/14/2020	ND	31.89	0.00	698.51
RW-08	730.40	10/9/2020	ND	31.66	0.00	698.74

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-08	730.40	10/19/2020	32.21	35.93	3.72	697.20
RW-08	730.40	11/9/2020	ND	33.42	0.00	696.98
RW-08	730.40	11/23/2020	33.56	35.98	2.42	696.20
RW-08	730.40	12/26/2020	ND	33.75	0.00	696.65
RW-08	730.40	1/19/2021	34.25	35.95	1.70	695.70
RW-08	730.40	1/25/2021	34.44	36.01	1.57	695.54
RW-08	730.40	2/1/2021	DRY	DRY	DRY	DRY
RW-08	730.40	2/8/2021	35.19	DRY	>0.92	DRY
RW-08	730.40	2/16/2021	35.44	36.01	0.57	694.81
RW-08	730.40	2/22/2021	ND	35.62	0.00	694.78
RW-08	730.40	3/4/2021	ND	35.88	0.00	694.52
RW-08	730.40	3/8/2021	ND	36.04	0.00	694.36
RW-08	730.40	3/15/2021	36.01	36.05	0.04	694.38
RW-08	730.40	4/1/2021	DRY	DRY	DRY	DRY
RW-08	730.40	4/12/2021	DRY	DRY	DRY	DRY
RW-08	730.40	4/19/2021	DRY	DRY	DRY	DRY
RW-08	730.40	4/29/2021	DRY	DRY	DRY	DRY
RW-08	730.40	5/3/2021	DRY	DRY	DRY	DRY
RW-08	730.40	5/10/2021	DRY	DRY	DRY	DRY
RW-08	730.40	5/18/2021	DRY	DRY	DRY	DRY
RW-08	730.40	5/26/2021	DRY	DRY	DRY	DRY
RW-08	730.40	5/31/2021	DRY	DRY	DRY	DRY
RW-08	730.40	6/9/2021	DRY	DRY	DRY	DRY
RW-08	730.40	6/14/2021	DRY	DRY	DRY	DRY
RW-08	730.40	6/21/2021	DRY	DRY	DRY	DRY
RW-08	730.40	7/1/2021	DRY	DRY	DRY	DRY
RW-08	730.40	7/6/2021	DRY	DRY	DRY	DRY
RW-08	730.40	7/14/2021	DRY	DRY	DRY	DRY
RW-08	730.40	7/28/2021	DRY	DRY	DRY	DRY
RW-08	730.40	8/16/2021	DRY	DRY	DRY	DRY
RW-08	730.40	8/26/2021	DRY	DRY	DRY	DRY
RW-08	730.40	8/30/2021	DRY	DRY	DRY	DRY
RW-08	730.40	9/16/2021	DRY	DRY	DRY	DRY
RW-08	730.40	9/23/2021	DRY	DRY	DRY	DRY
RW-08	730.40	10/6/2021	DRY	DRY	DRY	DRY
RW-08	730.40	10/12/2021	DRY	DRY	DRY	DRY
RW-08	730.40	10/27/2021	DRY	DRY	DRY	DRY
RW-08	730.40	11/1/2021	DRY	DRY	DRY	DRY
RW-08	730.40	11/15/2021	DRY	DRY	DRY	DRY
RW-09	732.39	9/1/2020	29.95	39.55	9.60	699.87

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-09	732.39	9/3/2020	37.55	37.85	0.30	694.76
RW-09	732.39	9/5/2020	29.88	41.42	11.54	699.42
RW-09	732.39	9/8/2020	30.50	38.05	7.55	699.87
RW-09	732.39	9/9/2020	30.20	40.10	9.90	699.54
RW-09	732.39	9/12/2020	31.07	39.46	8.39	699.07
RW-09	732.39	9/14/2020	30.15	37.85	7.70	700.18
RW-09	732.39	9/18/2020	31.30	37.50	6.20	699.43
RW-09	732.39	9/28/2020	37.70	38.53	0.83	694.46
RW-09	732.39	10/2/2020	30.10	42.80	12.70	698.89
RW-09	732.39	10/7/2020	31.10	40.20	9.10	698.85
RW-09	732.39	10/19/2020	31.13	42.88	11.75	698.11
RW-09	732.39	11/9/2020	32.05	42.90	10.85	697.43
RW-09	732.39	11/23/2020	32.31	42.93	10.62	697.24
RW-09	732.39	12/26/2020	31.02	39.58	8.56	699.08
RW-09	732.39	2/1/2021	31.21	37.90	6.69	699.39
RW-09	730.09	3/4/2021	31.61	36.26	4.65	697.24
RW-09	730.09	4/1/2021	32.33	34.98	2.65	697.05
RW-09	730.09	4/29/2021	32.09	34.78	2.69	697.28
RW-09	730.09	5/26/2021	32.77	35.35	2.58	696.63
RW-09	730.09	6/9/2021	33.29	34.77	1.48	696.40
RW-09	730.09	7/1/2021	33.78	36.00	2.22	695.72
RW-09	730.09	7/14/2021	33.94	36.63	2.69	695.43
RW-09	730.09	7/28/2021	34.29	36.55	2.26	695.20
RW-09	730.09	8/26/2021	34.87	37.13	2.26	694.62
RW-09	730.09	9/16/2021	35.69	39.89	4.20	693.28
RW-09	730.09	9/23/2021	36.05	36.58	0.53	693.90
RW-09	730.09	10/27/2021	36.98	37.34	0.36	693.01
RW-10	734.38	9/1/2020	19.95	33.10	13.15	710.91
RW-10	734.38	9/3/2020	25.85	33.40	7.55	706.51
RW-10	734.38	9/5/2020	29.20	33.60	4.40	704.00
RW-10	734.38	9/8/2020	29.60	34.00	4.40	703.60
RW-10	734.38	9/9/2020	29.85	34.53	4.68	703.28
RW-10	734.38	9/12/2020	30.50	33.50	3.00	703.08
RW-10	734.38	9/14/2020	30.20	33.40	3.20	703.32
RW-10	734.38	9/18/2020	31.60	33.40	1.80	702.30
RW-10	734.38	9/28/2020	31.45	33.00	1.55	702.51
RW-10	734.38	10/2/2020	31.73	33.43	1.70	702.19
RW-10	734.38	10/7/2020	32.10	33.40	1.30	701.93
RW-10	734.38	10/19/2020	32.72	33.31	0.59	701.50
RW-10	734.38	10/21/2020	32.72	33.31	0.59	701.50

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-10	734.38	11/9/2020	ND	33.20	0.00	701.18
RW-10	734.38	11/23/2020	33.21	33.60	0.39	701.06
RW-10	734.38	12/26/2020	ND	30.56	0.00	703.82
RW-10	734.38	2/1/2021	ND	30.57	0.00	703.81
RW-10	731.87	3/4/2021	ND	30.57	0.00	701.30
RW-10	731.87	4/1/2021	ND	30.57	0.00	701.30
RW-10	731.87	4/29/2021	ND	30.80	0.00	701.07
RW-10	731.87	5/26/2021	DRY	DRY	Dry	DRY
RW-10	731.87	5/31/2021	DRY	DRY	Dry	DRY
RW-10	731.87	6/9/2021	DRY	DRY	Dry	DRY
RW-10	731.87	7/1/2021	DRY	DRY	Dry	DRY
RW-10	731.87	7/14/2021	DRY	DRY	Dry	DRY
RW-10	731.87	7/28/2021	ND	30.93	0.00	700.94
RW-10	731.87	8/26/2021	ND	30.81	0.00	701.06
RW-10	731.87	9/16/2021	ND	30.76	0.00	701.11
RW-10	731.87	9/23/2021	ND	30.68	0.00	701.19
RW-10	731.87	10/27/2021	ND	30.82	0.00	701.05
RW-11	725.94	9/6/2020	32.23	34.39	2.16	693.13
RW-11	725.94	9/8/2020	31.60	32.80	1.20	694.02
RW-11	725.94	9/14/2020	28.85	31.62	2.77	696.35
RW-11	725.94	9/18/2020	ND	34.00	0.00	691.94
RW-11	725.94	9/28/2020	29.90	31.90	2.00	695.50
RW-11	725.94	10/2/2020	32.30	32.60	0.30	693.56
RW-11	725.94	10/5/2020	27.70	34.10	6.40	696.53
RW-11	725.94	10/19/2020	27.70	31.27	3.57	697.28
RW-11	725.94	11/9/2020	28.33	31.14	2.81	696.86
RW-11	725.94	11/23/2020	28.61	29.80	1.19	697.01
RW-11	725.94	10/21/2020	27.70	31.27	3.57	697.28
RW-11	725.94	12/26/2020	29.05	32.58	3.53	695.94
RW-11	725.94	2/1/2021	29.16	32.30	3.14	695.94
RW-11	725.94	3/4/2021	29.31	31.97	2.66	695.92
RW-11	725.94	4/1/2021	ND	29.30	0.00	696.64
RW-11	725.94	4/29/2021	29.10	35.46	6.36	695.14
RW-11	725.94	5/26/2021	30.41	32.23	1.82	695.04
RW-11	725.94	6/9/2021	30.57	31.25	0.68	695.19
RW-11	725.94	7/1/2021	30.88	31.55	0.67	694.88
RW-11	725.94	7/14/2021	31.51	32.36	0.85	694.20
RW-11	725.94	7/28/2021	29.29	29.33	0.04	696.64
RW-11	725.94	8/26/2021	32.72	33.23	0.51	693.08
RW-11	725.94	9/16/2021	33.32	34.03	0.71	692.43

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-11	725.94	9/23/2021	33.30	34.09	0.79	692.43
RW-11	725.94	10/27/2021	33.87	34.54	0.67	691.89
RW-12	726.61	9/5/2020	31.45	33.82	2.37	694.53
RW-12	726.61	9/6/2020	34.95	35.14	0.19	691.61
RW-12	726.61	9/8/2020	34.20	36.10	1.90	691.90
RW-12	726.61	9/9/2020	34.24	36.65	2.41	691.73
RW-12	726.61	9/10/2020	34.70	35.83	1.13	691.61
RW-12	726.61	9/12/2020	32.89	34.35	1.46	693.33
RW-12	726.61	9/14/2020	31.81	36.18	4.37	693.63
RW-12	726.61	9/18/2020	32.35	34.60	2.25	693.66
RW-12	726.61	9/28/2020	29.43	36.91	7.48	695.18
RW-12	726.61	10/2/2020	31.10	36.40	5.30	694.09
RW-12	726.61	10/6/2020	29.78	37.75	7.97	694.70
RW-12	726.61	10/19/2020	30.35	37.04	6.69	694.47
RW-12	726.61	11/9/2020	31.21	37.08	5.87	693.83
RW-12	726.61	11/23/2020	31.53	37.08	5.55	693.60
RW-12	726.61	12/26/2020	31.00	35.51	4.51	694.40
RW-12	726.61	2/1/2021	32.01	35.51	3.50	693.66
RW-12	726.61	3/4/2021	32.52	35.51	2.99	693.29
RW-12	726.61	4/1/2021	32.79	35.48	2.69	693.10
RW-12	726.61	4/29/2021	32.77	35.46	2.69	693.12
RW-12	726.61	5/26/2021	33.34	35.48	2.14	692.70
RW-12	726.61	6/9/2021	33.63	35.54	1.91	692.47
RW-12	726.61	7/1/2021	34.08	35.48	1.40	692.16
RW-12	726.61	7/14/2021	34.37	35.41	1.04	691.96
RW-12	726.61	7/28/2021	34.84	35.45	0.61	691.61
RW-12	726.61	8/26/2021	35.48	35.53	0.05	691.12
RW-12	726.61	9/16/2021	Dry	Dry	Dry	Dry
RW-12	726.61	9/23/2021	Dry	Dry	Dry	Dry
RW-12	726.61	10/27/2021	Dry	Dry	Dry	Dry
RW-13	732.30	9/5/2020	ND	24.90	0.00	707.40
RW-13	732.30	9/6/2020	ND	26.54	0.00	705.76
RW-13	732.30	9/8/2020	ND	27.05	0.00	705.25
RW-13	732.30	9/14/2020	ND	27.93	0.00	704.37
RW-13	732.30	10/9/2020	ND	28.34	0.00	703.96
RW-13	732.30	10/19/2020	33.87	34.11	0.24	698.36
RW-13	732.30	11/9/2020	ND	31.09	0.00	701.21
RW-13	732.30	11/23/2020	31.10	31.23	0.13	701.16
RW-13	732.30	12/26/2020	ND	31.85	0.00	700.45
RW-13	732.30	1/25/2021	32.53	32.79	0.26	699.70

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-13	732.30	2/1/2021	32.67	32.92	0.25	699.56
RW-13	732.30	2/8/2021	32.82	33.09	0.27	699.41
RW-13	732.30	2/16/2021	32.86	33.18	0.32	699.35
RW-13	732.30	3/4/2021	33.10	33.39	0.29	699.12
RW-13	732.30	4/1/2021	33.13	33.42	0.29	699.09
RW-13	732.30	4/12/2021	33.22	33.53	0.31	699.00
RW-13	732.30	4/19/2021	ND	33.13	0.00	699.17
RW-13	732.30	4/29/2021	33.08	33.36	0.28	699.15
RW-13	732.30	5/3/2021	35.07	35.33	0.26	697.16
RW-13	732.30	5/10/2021	33.06	33.35	0.29	699.16
RW-13	732.30	5/18/2021	33.19	33.46	0.27	699.04
RW-13	732.30	5/26/2021	33.76	34.10	0.34	698.45
RW-13	732.30	5/31/2021	ND	33.96	0.00	698.34
RW-13	732.30	6/7/2021	ND	34.04	0.00	698.26
RW-13	732.30	6/14/2021	ND	34.04	0.00	698.26
RW-13	732.30	6/21/2021	31.11	31.43	0.32	701.10
RW-13	732.30	7/1/2021	31.49	31.83	0.34	700.72
RW-13	732.30	7/6/2021	31.68	32.04	0.36	700.52
RW-13	732.30	7/14/2021	32.16	32.53	0.37	700.04
RW-13	732.30	7/28/2021	29.62	29.65	0.03	702.67
RW-13	732.30	8/16/2021	31.42	32.79	1.37	700.51
RW-13	732.30	8/26/2021	32.70	33.14	0.44	699.48
RW-13	732.30	8/30/2021	32.77	33.19	0.42	699.42
RW-13	732.30	9/16/2021	33.92	34.21	0.29	698.30
RW-13	732.30	9/23/2021	33.91	33.92	0.01	698.39
RW-13	732.30	10/27/2021	34.13	34.34	0.21	698.11
RW-14	732.14	9/6/2020	27.12	39.68	12.56	701.65
RW-14	732.14	9/8/2020	27.15	36.25	9.10	702.55
RW-14	732.14	9/10/2020	27.95	35.05	7.10	702.29
RW-14	732.14	9/12/2020	27.40	38.95	11.55	701.65
RW-14	732.14	9/14/2020	27.68	39.15	11.47	701.39
RW-14	732.14	9/18/2020	29.15	39.20	10.05	700.30
RW-14	732.14	9/28/2020	29.30	39.93	10.63	699.99
RW-14	732.14	10/2/2020	29.63	39.95	10.32	699.74
RW-14	732.14	10/6/2020	29.90	40.00	10.10	699.53
RW-14	732.14	10/19/2020	30.60	39.94	9.34	699.04
RW-14	732.14	11/9/2020	31.69	40.10	8.41	698.20
RW-14	732.14	11/23/2020	32.09	40.05	7.96	697.92
RW-14	732.14	12/26/2020	33.11	38.57	5.46	697.56
RW-14	732.14	2/1/2021	33.65	37.77	4.12	697.38

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-14	732.14	3/4/2021	33.92	37.62	3.70	697.23
RW-14	732.14	4/1/2021	34.07	38.02	3.95	697.01
RW-14	732.14	4/29/2021	33.80	37.56	3.76	697.33
RW-14	732.14	5/26/2021	34.06	37.04	2.98	697.28
RW-14	732.14	6/9/2021	34.29	36.91	2.62	697.14
RW-14	732.14	7/1/2021	34.58	36.75	2.17	696.98
RW-14	732.14	7/14/2021	34.86	36.84	1.98	696.75
RW-14	732.14	7/28/2021	35.33	36.67	1.34	696.45
RW-14	732.14	8/26/2021	36.04	37.48	1.44	695.71
RW-14	732.14	9/16/2021	36.94	37.53	0.59	695.04
RW-14	732.14	9/23/2021	37.27	37.91	0.64	694.69
RW-14	732.14	10/27/2021	37.89	39.81	1.92	693.73
RW-15	723.99	9/6/2020	34.07	34.10	0.03	689.91
RW-15	723.99	9/8/2020	34.15	34.17	0.02	689.83
RW-15	723.99	9/14/2020	34.25	34.29	0.04	689.73
RW-15	723.99	9/28/2020	34.62	34.68	0.06	689.35
RW-15	723.99	10/9/2020	ND	34.98	0.00	689.01
RW-15	723.99	10/19/2020	35.02	35.12	0.10	688.94
RW-15	723.99	11/9/2020	35.09	35.29	0.20	688.85
RW-15	723.99	11/9/2020	34.94	35.03	0.09	689.03
RW-15	723.99	11/23/2020	ND	45.23	0.00	678.76
RW-15	723.99	12/26/2020	35.01	35.25	0.24	688.92
RW-15	723.99	1/19/2021	34.99	35.35	0.36	688.90
RW-15	723.99	1/25/2021	34.84	35.21	0.37	689.05
RW-15	723.99	2/1/2021	34.73	35.11	0.38	689.16
RW-15	723.99	2/8/2021	35.15	35.60	0.45	688.72
RW-15	723.99	2/16/2021	34.78	35.21	0.43	689.09
RW-15	723.99	2/22/2021	34.60	35.50	0.90	689.15
RW-15	723.99	3/4/2021	34.45	34.90	0.45	689.42
RW-15	723.99	3/8/2021	34.63	35.13	0.50	689.23
RW-15	723.99	3/15/2021	34.49	34.98	0.49	689.37
RW-15	723.99	3/22/2021	34.36	34.82	0.46	689.51
RW-15	723.99	4/1/2021	34.16	34.59	0.43	689.71
RW-15	723.99	4/12/2021	34.09	34.50	0.41	689.79
RW-15	723.99	4/19/2021	34.02	34.43	0.41	689.86
RW-15	723.99	4/29/2021	33.96	34.36	0.40	689.92
RW-15	723.99	5/3/2021	34.07	34.51	0.44	689.80
RW-15	723.99	5/10/2021	34.12	34.55	0.43	689.75
RW-15	723.99	5/18/2021	34.18	34.65	0.47	689.68
RW-15	723.99	5/26/2021	34.10	34.55	0.45	689.77

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-15	723.99	5/31/2021	34.38	34.88	0.50	689.48
RW-15	723.99	6/7/2021	34.45	34.96	0.51	689.40
RW-15	723.99	6/14/2021	34.48	35.01	0.53	689.37
RW-15	723.99	6/21/2021	34.64	35.18	0.54	689.21
RW-15	723.99	7/1/2021	34.76	35.34	0.58	689.07
RW-15	723.99	7/6/2021	35.00	35.59	0.59	688.83
RW-15	723.99	7/14/2021	32.90	33.50	0.60	690.93
RW-15	723.99	7/28/2021	33.52	33.85	0.33	690.38
RW-15	723.99	8/26/2021	34.59	35.10	0.51	689.26
RW-15	723.99	9/16/2021	35.35	35.93	0.58	688.48
RW-15	723.99	9/23/2021	35.57	36.03	0.46	688.30
RW-15	723.99	10/27/2021	36.66	37.10	0.44	687.21
RW-16	732.10	9/5/2020	30.80	37.71	6.91	699.45
RW-16	732.10	9/6/2020	30.14	36.39	6.25	700.28
RW-16	732.10	9/8/2020	30.60	35.70	5.10	700.13
RW-16	732.10	9/9/2020	29.80	39.92	10.12	699.59
RW-16	732.10	9/10/2020	35.95	39.70	3.75	695.14
RW-16	732.10	9/12/2020	34.65	38.60	3.95	696.39
RW-16	732.10	9/14/2020	30.85	36.70	5.85	699.68
RW-16	732.10	9/18/2020	32.15	36.30	4.15	698.83
RW-16	732.10	9/28/2020	31.55	37.40	5.85	698.98
RW-16	732.10	10/2/2020	31.47	37.82	6.35	698.93
RW-16	732.10	10/6/2020	30.90	40.50	9.60	698.63
RW-16	732.10	10/19/2020	31.00	43.12	12.12	697.85
RW-16	732.10	11/9/2020	32.05	42.12	10.07	697.35
RW-16	732.10	11/23/2020	32.43	42.34	9.91	697.01
RW-16	732.10	12/26/2020	31.37	39.10	7.73	698.66
RW-16	732.10	2/1/2021	31.84	38.08	6.24	698.59
RW-16	732.10	3/4/2021	32.49	36.72	4.23	698.47
RW-16	732.10	4/1/2021	33.10	35.82	2.72	698.27
RW-16	732.10	4/29/2021	32.56	35.85	3.29	698.65
RW-16	732.10	5/26/2021	33.32	34.98	1.66	698.33
RW-16	732.10	6/9/2021	33.51	35.02	1.51	698.18
RW-16	732.10	7/1/2021	33.70	35.49	1.79	697.92
RW-16	732.10	7/14/2021	34.26	34.98	0.72	697.64
RW-16	732.10	7/28/2021	34.58	35.79	1.21	697.19
RW-16	732.10	8/26/2021	35.45	36.38	0.93	696.40
RW-16	732.10	9/16/2021	36.29	37.54	1.25	695.47
RW-16	732.10	9/23/2021	36.79	37.41	0.62	695.14
RW-16	732.10	10/27/2021	37.82	38.29	0.47	694.15

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-17	729.57	9/6/2020	ND	19.94	0.00	709.63
RW-17	729.57	9/8/2020	ND	20.05	0.00	709.52
RW-17	729.57	9/14/2020	ND	20.05	0.00	709.52
RW-17	729.57	9/28/2020	ND	20.04	0.00	709.53
RW-17	729.57	10/9/2020	ND	20.06	0.00	709.51
RW-17	729.57	10/19/2020	ND	20.06	0.00	709.51
RW-17	729.57	11/9/2020	ND	20.09	0.00	709.48
RW-17	729.57	11/23/2020	ND	20.09	0.00	709.48
RW-17	729.57	12/26/2020	ND	20.11	0.00	709.46
RW-17	729.57	1/25/2021	ND	20.08	0.00	709.49
RW-17	729.57	2/1/2021	ND	Dry	Dry	Dry
RW-17	729.57	2/8/2021	ND	20.08	0.00	709.49
RW-17	729.57	2/16/2021	ND	20.08	0.00	709.49
RW-17	729.57	2/22/2021	Dry	Dry	Dry	Dry
RW-17	729.57	3/4/2021	Dry	Dry	Dry	Dry
RW-17	729.57	3/8/2021	ND	21.08	0.00	708.49
RW-17	729.57	3/15/2021	ND	20.11	0.00	709.46
RW-17	729.57	3/22/2021	ND	20.08	0.00	709.49
RW-17	729.57	4/1/2021	ND	20.08	0.00	709.49
RW-17	729.57	4/12/2021	ND	20.11	0.00	709.46
RW-17	729.57	4/19/2021	Dry	Dry	Dry	Dry
RW-17	729.57	4/29/2021	Dry	Dry	Dry	Dry
RW-17	729.57	5/3/2021	Dry	Dry	Dry	Dry
RW-17	729.57	5/10/2021	Dry	Dry	Dry	Dry
RW-17	729.57	5/18/2021	17.74	17.76	0.02	711.82
RW-17	729.57	5/26/2021	ND	18.58	0.00	710.99
RW-17	729.57	6/7/2021	ND	18.72	0.00	710.85
RW-17	729.57	7/1/2021	Dry	Dry	Dry	Dry
RW-17	729.57	7/6/2021	Dry	Dry	Dry	Dry
RW-17	729.57	7/14/2021	Dry	Dry	Dry	Dry
RW-17	729.57	7/28/2021	18.58	18.58	0.00	710.99
RW-17	729.57	8/16/2021	ND	18.72	0.00	710.85
RW-17	729.57	8/26/2021	Dry	Dry	Dry	Dry
RW-17	729.57	8/30/2021	17.98	18.02	0.04	711.58
RW-17	729.57	9/16/2021	Dry	Dry	Dry	Dry
RW-17	729.57	9/23/2021	ND	18.75	0.00	710.82
RW-17	729.57	10/6/2021	ND	17.85	0.00	711.72
RW-17	729.57	10/27/2021	ND	18.73	0.00	710.84
RW-17	729.57	11/1/2021	Dry	Dry	Dry	Dry
RW-17	729.57	11/15/2021	17.74	18.66	0.92	711.58

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-18	737.66	9/8/2020	36.15	40.20	4.05	700.42
RW-18	737.66	9/9/2020	36.40	41.35	4.95	699.93
RW-18	737.66	9/12/2020	36.50	40.00	3.50	700.22
RW-18	737.66	9/14/2020	34.95	42.00	7.05	700.82
RW-18	737.66	9/18/2020	36.55	42.00	5.45	699.65
RW-18	737.66	9/28/2020	35.42	45.45	10.03	699.55
RW-18	737.66	10/2/2020	35.20	47.65	12.45	699.12
RW-18	737.66	10/7/2020	35.70	47.48	11.78	698.80
RW-18	737.66	10/19/2020	36.54	47.75	11.21	698.12
RW-18	737.66	11/9/2020	37.73	47.71	9.98	697.26
RW-18	737.66	11/23/2020	37.86	47.57	9.71	697.20
RW-18	737.66	12/26/2020	36.91	45.38	8.47	698.48
RW-18	737.66	2/1/2021	38.19	43.31	5.12	698.10
RW-18	737.66	3/4/2021	38.30	42.78	4.48	698.16
RW-18	735.96	4/1/2021	39.05	41.76	2.71	696.18
RW-18	735.96	4/29/2021	39.67	40.76	1.09	696.00
RW-18	735.96	5/26/2021	39.51	41.28	1.77	695.98
RW-18	735.96	6/9/2021	39.68	41.45	1.77	695.81
RW-18	735.96	7/1/2021	39.60	42.39	2.79	695.61
RW-18	735.96	7/14/2021	40.08	41.97	1.89	695.37
RW-18	735.96	7/28/2021	40.32	42.42	2.10	695.08
RW-18	735.96	8/26/2021	ND	40.98	0.00	694.98
RW-18	735.96	9/16/2021	41.36	43.25	1.89	694.09
RW-18	735.96	9/23/2021	41.56	43.17	1.61	693.97
RW-18	735.96	10/27/2021	42.26	43.52	1.26	693.36
RW-19	722.02	9/8/2020	ND	32.80	0.00	689.22
RW-19	722.02	9/14/2020	ND	32.74	0.00	689.28
RW-19	722.02	9/28/2020	ND	32.92	0.00	689.10
RW-19	722.02	10/9/2020	ND	33.23	0.00	688.79
RW-19	722.02	10/19/2020	ND	33.28	0.00	688.74
RW-19	722.02	11/9/2020	33.28	33.30	0.02	688.73
RW-19	722.02	11/9/2020	33.06	33.16	0.10	688.93
RW-19	722.02	11/23/2020	ND	33.22	0.00	688.80
RW-19	722.02	12/26/2020	33.09	33.29	0.20	688.88
RW-19	722.02	1/19/2021	33.07	33.57	0.50	688.82
RW-19	722.02	1/25/2021	32.94	33.48	0.54	688.94
RW-19	722.02	2/1/2021	32.89	33.42	0.53	688.99
RW-19	722.02	2/8/2021	33.18	33.93	0.75	688.64
RW-19	722.02	2/16/2021	32.82	33.64	0.82	688.98
RW-19	722.02	2/22/2021	32.67	33.51	0.84	689.13

Table 4
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-19	722.02	3/4/2021	32.44	33.59	1.15	689.27
RW-19	722.02	3/8/2021	32.57	33.93	1.36	689.09
RW-19	722.02	3/15/2021	32.37	33.92	1.55	689.24
RW-19	722.02	3/22/2021	32.2	33.89	1.69	689.37
RW-19	722.02	4/1/2021	31.89	33.89	2.00	689.59
RW-19	722.02	4/12/2021	32.7	34	1.30	688.97
RW-19	722.02	4/19/2021	31.59	34.1	2.51	689.76
RW-19	722.02	4/29/2021	31.48	34.21	2.73	689.81
RW-19	722.02	5/3/2021	31.5	34.41	2.91	689.74
RW-19	722.02	5/10/2021	31.55	34.63	3.08	689.65
RW-19	722.02	5/18/2021	31.53	34.9	3.37	689.59
RW-19	722.02	5/26/2021	31.43	35.08	3.65	689.61
RW-19	722.02	5/31/2021	31.61	35.41	3.80	689.39
RW-19	722.02	6/7/2021	31.65	35.70	4.05	689.29
RW-19	722.02	6/14/2021	31.62	35.94	4.32	689.24
RW-19	722.02	6/21/2021	31.73	36.29	4.56	689.07
RW-19	722.02	7/1/2021	31.77	36.69	4.92	688.93
RW-19	722.02	7/6/2021	31.95	37.09	5.14	688.69
RW-19	722.02	7/14/2021	28.93	34.33	5.40	691.64
RW-19	722.02	7/28/2021	30.7	31.41	0.71	691.13
RW-19	722.02	10/27/2021	33.86	34.21	0.35	688.07
RW-19	722.02	8/26/2021	31.76	32.57	0.81	690.04
RW-19	722.02	9/16/2021	32.60	33.09	0.49	689.29
RW-19	722.02	9/23/2021	32.84	33.23	0.39	689.08
RW-20	731.69	9/8/2020	ND	28.75	0.00	702.94
RW-20	731.69	9/14/2020	26.90	36.20	9.30	702.30
RW-20	731.69	9/28/2020	31.55	33.20	1.65	699.69
RW-20	731.69	10/2/2020	30.60	31.65	1.05	700.81
RW-20	731.69	10/6/2020	30.50	31.90	1.40	700.81
RW-20	731.69	10/19/2020	30.29	32.90	2.61	700.70
RW-20	731.69	10/21/2020	30.29	32.90	2.61	700.70
RW-20	731.69	11/9/2020	30.62	35.09	4.47	699.87
RW-20	731.69	11/23/2020	30.96	35.84	4.88	699.42
RW-20	731.69	12/26/2020	31.84	36.35	4.51	698.64
RW-20	731.69	2/1/2021	32.15	36.50	4.35	698.37
RW-20	731.69	3/4/2021	32.29	36.48	4.19	698.27
RW-20	731.69	4/1/2021	33.31	35.79	2.48	697.71
RW-20	731.69	4/29/2021	33.39	35.10	1.71	697.84
RW-20	731.69	5/26/2021	33.87	34.37	0.50	697.68
RW-20	731.69	6/9/2021	34.06	34.29	0.23	697.56

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-20	731.69	7/1/2021	34.18	34.42	0.24	697.44
RW-20	731.69	7/14/2021	34.41	34.49	0.08	697.25
RW-20	731.69	7/28/2021	35.11	35.43	0.32	696.49
RW-20	731.69	8/26/2021	35.48	36.04	0.56	696.06
RW-20	731.69	9/16/2021	36.63	37.11	0.48	694.93
RW-20	731.69	9/23/2021	36.75	36.95	0.20	694.88
RW-20	731.69	10/27/2021	36.63	36.85	0.22	695.00
RW-21	731.68	9/13/2020	28.50	42.55	14.05	699.42
RW-21	731.68	9/14/2020	30.72	36.55	5.83	699.40
RW-21	731.68	9/18/2020	31.30	38.00	6.70	698.59
RW-21	731.68	9/28/2020	30.08	41.40	11.32	698.57
RW-21	731.68	10/2/2020	30.28	41.15	10.87	698.49
RW-21	731.68	10/6/2020	30.40	41.55	11.15	698.30
RW-21	731.68	10/19/2020	30.13	45.10	14.97	697.55
RW-21	731.68	11/9/2020	31.09	44.70	13.61	696.95
RW-21	731.68	11/23/2020	31.50	42.64	11.14	697.20
RW-21	731.68	12/26/2020	32.40	40.56	8.16	697.10
RW-21	731.68	2/1/2021	32.81	39.59	6.78	697.06
RW-21	731.68	3/4/2021	33.36	38.60	5.24	696.92
RW-21	731.68	4/1/2021	35.58	38.86	3.28	695.23
RW-21	731.68	4/29/2021	33.22	38.34	5.12	697.09
RW-21	731.68	5/26/2021	33.64	38.27	4.63	696.80
RW-21	731.68	6/9/2021	33.82	38.34	4.52	696.65
RW-21	731.68	7/1/2021	34.10	38.18	4.08	696.49
RW-21	731.68	7/14/2021	34.36	38.47	4.11	696.22
RW-21	731.68	7/28/2021	34.94	38.05	3.11	695.91
RW-21	731.68	8/26/2021	35.71	38.91	3.20	695.12
RW-21	731.68	9/16/2021	36.74	39.48	2.74	694.21
RW-21	731.68	9/23/2021	36.82	40.65	3.83	693.84
RW-21	731.68	10/27/2021	37.76	41.98	4.22	692.79
RW-22	726.60	9/10/2020	25.62	39.00	13.38	697.40
RW-22	726.60	9/12/2020	26.70	31.62	4.92	698.58
RW-22	726.60	9/14/2020	25.55	30.85	5.30	699.63
RW-22	726.60	9/18/2020	26.10	32.10	6.00	698.89
RW-22	726.60	9/28/2020	26.20	30.75	4.55	699.18
RW-22	726.60	10/2/2020	25.55	33.00	7.45	699.06
RW-22	726.60	10/5/2020	25.53	34.50	8.97	698.67
RW-22	726.60	10/19/2020	25.93	37.32	11.39	697.62
RW-22	726.60	11/9/2020	26.89	36.99	10.10	697.01
RW-22	726.60	11/23/2020	27.29	36.70	9.41	696.79

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-22	726.60	12/26/2020	26.43	27.75	1.32	699.82
RW-22	726.60	2/1/2021	26.68	34.43	7.75	697.85
RW-22	727.54	3/4/2021	29.80	31.73	1.93	697.22
RW-22	727.54	4/1/2021	30.31	30.73	0.42	697.12
RW-22	727.54	4/29/2021	30.21	30.39	0.18	697.28
RW-22	727.54	5/26/2021	30.95	31.11	0.16	696.55
RW-22	727.54	6/9/2021	31.28	31.52	0.24	696.20
RW-22	727.54	7/1/2021	31.85	32.06	0.21	695.63
RW-22	727.54	7/14/2021	32.24	32.44	0.20	695.25
RW-22	727.54	7/28/2021	32.42	32.48	0.06	695.10
RW-22	727.54	8/26/2021	32.98	33.17	0.19	694.51
RW-22	727.54	9/16/2021	33.40	33.56	0.16	694.10
RW-22	727.54	9/23/2021	33.49	33.72	0.23	693.99
RW-22	727.54	10/27/2021	34.22	34.52	0.30	693.24
RW-23	724.85	9/13/2020	31.80	41.73	9.93	690.39
RW-23	724.85	9/14/2020	31.79	41.68	9.89	690.41
RW-23	724.85	9/18/2020	32.95	39.35	6.40	690.18
RW-23	724.85	9/28/2020	32.91	39.45	6.54	690.19
RW-23	724.85	10/2/2020	33.39	39.31	5.92	689.87
RW-23	724.85	10/6/2020	33.25	39.25	6.00	689.99
RW-23	724.85	10/19/2020	33.30	39.26	5.96	689.95
RW-23	724.85	11/9/2020	33.39	39.03	5.64	689.95
RW-23	724.85	11/23/2020	33.35	38.97	5.62	689.99
RW-23	724.85	12/26/2020	31.75	36.77	5.02	691.75
RW-23	724.85	2/1/2021	32.32	36.29	3.97	691.46
RW-23	724.85	3/4/2021	32.49	35.38	2.89	691.58
RW-23	724.85	4/1/2021	32.51	34.93	2.42	691.69
RW-23	724.85	4/29/2021	32.37	34.54	2.17	691.90
RW-23	724.85	5/26/2021	32.33	34.19	1.86	692.02
RW-23	724.85	6/9/2021	32.46	34.27	1.81	691.90
RW-23	724.85	7/1/2021	32.83	34.69	1.86	691.52
RW-23	724.85	7/14/2021	33.26	35.02	1.76	691.12
RW-23	724.85	7/28/2021	33.90	34.92	1.02	690.67
RW-23	724.85	8/26/2021	34.68	35.26	0.58	690.01
RW-23	724.85	9/16/2021	35.16	36.2	1.04	689.41
RW-23	724.85	9/23/2021	35.44	35.98	0.54	689.26
RW-23	724.85	10/27/2021	36.19	36.62	0.43	688.54
RW-24	734.33	9/11/2020	35.83	35.85	0.02	698.49
RW-24	734.33	9/12/2020	ND	36.00	0.00	698.33
RW-24	734.33	9/14/2020	35.75	36.25	0.50	698.44

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-24	734.33	9/18/2020	ND	36.10	0.00	698.23
RW-24	734.33	9/28/2020	33.80	33.91	0.11	700.50
RW-24	734.33	10/2/2020	33.15	35.20	2.05	700.63
RW-24	734.33	10/5/2020	33.84	34.10	0.26	700.42
RW-24	734.33	10/19/2020	32.84	37.15	4.31	700.33
RW-24	734.33	11/9/2020	32.83	39.30	6.47	699.76
RW-24	734.33	11/23/2020	34.61	35.53	0.92	699.47
RW-24	734.33	12/26/2020	34.85	36.16	1.31	699.13
RW-24	734.33	2/1/2021	35.12	35.94	0.82	698.99
RW-24	731.18	3/4/2021	35.46	36.12	0.66	695.54
RW-24	731.18	4/1/2021	35.63	36.20	0.57	695.40
RW-24	731.18	4/29/2021	ND	35.48	0.00	695.70
RW-24	731.18	5/26/2021	36.16	36.66	0.50	694.89
RW-24	731.18	6/9/2021	36.61	36.93	0.32	694.48
RW-24	731.18	7/1/2021	37.19	37.36	0.17	693.94
RW-24	731.18	7/14/2021	37.64	37.81	0.17	693.49
RW-24	731.18	7/28/2021	37.33	37.44	0.11	693.82
RW-24	731.18	8/26/2021	38.13	39.09	0.96	692.79
RW-24	731.18	9/16/2021	38.76	39.03	0.27	692.35
RW-24	731.18	9/23/2021	38.82	39.03	0.21	692.30
RW-24	731.18	10/27/2021	39.54	39.85	0.31	691.56
RW-25	724.92	9/13/2020	33.75	37.21	3.46	690.24
RW-25	724.92	9/14/2020	33.08	38.85	5.77	690.29
RW-25	724.92	9/18/2020	34.88	35.80	0.92	689.79
RW-25	724.92	9/28/2020	34.86	35.90	1.04	689.78
RW-25	724.92	10/2/2020	34.90	36.55	1.65	689.57
RW-25	724.92	10/6/2020	34.90	36.40	1.50	689.61
RW-25	724.92	10/19/2020	33.83	39.91	6.08	689.46
RW-25	724.92	11/9/2020	34.45	38.55	4.10	689.37
RW-25	724.92	11/23/2020	34.58	38.10	3.52	689.39
RW-25	724.92	12/26/2020	31.30	36.50	5.20	692.22
RW-25	724.92	2/1/2021	31.70	35.11	3.41	692.30
RW-25	724.92	3/4/2021	31.85	33.82	1.97	692.54
RW-25	724.92	4/1/2021	31.79	33.34	1.55	692.71
RW-25	724.92	4/29/2021	31.56	33.01	1.45	692.97
RW-25	724.92	5/26/2021	31.7	32.98	1.28	692.87
RW-25	724.92	6/9/2021	31.94	33.19	1.25	692.64
RW-25	724.92	7/1/2021	31.90	34.63	2.73	692.29
RW-25	724.92	7/14/2021	32.71	33.93	1.22	691.88
RW-25	724.92	7/28/2021	33.24	34.39	1.15	691.37

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-25	724.92	8/26/2021	34.09	35.54	1.45	690.44
RW-25	724.92	9/16/2021	34.91	36.10	1.19	689.69
RW-25	724.92	9/23/2021	35.13	36.15	1.02	689.51
RW-25	724.92	10/27/2021	35.78	37.92	2.14	688.56
RW-26	729.28	9/11/2020	29.80	30.35	0.55	699.34
RW-26	729.28	9/12/2020	29.85	30.42	0.57	699.28
RW-26	729.28	9/14/2020	29.79	30.41	0.62	699.33
RW-26	729.28	9/18/2020	30.31	32.20	1.89	698.47
RW-26	729.28	9/28/2020	27.60	29.25	1.65	701.24
RW-26	729.28	10/2/2020	27.17	28.35	1.18	701.80
RW-26	729.28	10/5/2020	27.01	29.15	2.14	701.70
RW-26	729.28	10/19/2020	26.39	29.02	2.63	702.19
RW-26	729.28	11/9/2020	26.82	29.60	2.78	701.72
RW-26	729.28	11/23/2020	27.20	29.49	2.29	701.47
RW-26	729.28	12/26/2020	27.62	28.53	0.91	701.42
RW-26	729.28	2/1/2021	28.30	28.66	0.36	700.89
RW-26	725.72	3/4/2021	29.81	29.96	0.15	695.87
RW-26	725.72	4/1/2021	26.33	26.34	0.01	699.39
RW-26	725.72	4/29/2021	29.14	29.29	0.15	696.54
RW-26	725.72	5/26/2021	30.00	30.37	0.37	695.62
RW-26	725.72	6/9/2021	31.15	31.43	0.28	694.50
RW-26	725.72	7/1/2021	31.28	31.62	0.34	694.35
RW-26	725.72	7/14/2021	30.87	31.22	0.35	694.76
RW-26	725.72	7/28/2021	29.24	29.33	0.09	696.46
RW-26	725.72	8/26/2021	30.72	31.11	0.39	694.90
RW-26	725.72	9/16/2021	31.3	31.52	0.22	694.36
RW-26	725.72	9/23/2021	31.36	31.40	0.04	694.35
RW-26	725.72	10/27/2021	31.40	31.45	0.05	694.31
RW-27	722.46	9/13/2020	ND	35.08	0.00	687.38
RW-27	722.46	9/14/2020	ND	35.09	0.00	687.37
RW-27	722.46	9/18/2020	ND	35.20	0.00	687.26
RW-27	722.46	10/9/2020	ND	35.23	0.00	687.23
RW-27	722.46	10/19/2020	35.23	35.43	0.20	687.18
RW-27	722.46	11/9/2020	34.36	39.20	4.84	686.80
RW-27	722.46	11/23/2020	31.27	40.65	9.38	688.68
RW-27	722.46	12/26/2020	29.90	44.02	14.12	688.78
RW-27	722.46	2/1/2021	32.68	44.18	11.50	686.70
RW-27	722.46	3/4/2021	32.70	41.71	9.01	687.35
RW-27	722.46	4/1/2021	33.23	40.77	7.54	687.21
RW-27	722.46	4/29/2021	33.81	39.72	5.91	687.07

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-27	722.46	5/26/2021	34.17	38.54	4.37	687.12
RW-27	722.46	6/9/2021	34.46	38.38	3.92	686.95
RW-27	722.46	7/1/2021	35.22	37.68	2.46	686.58
RW-27	722.46	7/14/2021	34.99	38.35	3.36	686.57
RW-27	722.46	7/28/2021	35.35	39.03	3.68	686.12
RW-27	722.46	8/26/2021	36.84	39.87	3.03	684.81
RW-27	722.46	9/16/2021	39.48	39.51	0.03	682.97
RW-27	722.46	9/23/2021	39.86	40.05	0.19	682.55
RW-27	722.46	10/27/2021	39.42	42.77	3.35	682.14
RW-28	733.88	9/11/2020	38.13	39.31	1.18	695.43
RW-28	733.88	9/12/2020	ND	37.12	0.00	696.76
RW-28	733.88	9/13/2020	35.84	45.27	9.43	695.51
RW-28	733.88	9/14/2020	34.45	48.33	13.88	695.71
RW-28	733.88	9/18/2020	35.70	36.25	0.55	698.03
RW-28	733.88	9/28/2020	33.95	35.85	1.90	699.42
RW-28	733.88	10/2/2020	34.05	35.47	1.42	699.45
RW-28	733.88	10/5/2020	34.15	35.50	1.35	699.36
RW-28	733.88	10/19/2020	31.30	42.74	11.44	699.51
RW-28	733.88	11/9/2020	32.60	40.70	8.10	699.11
RW-28	733.88	11/23/2020	33.00	40.10	7.10	698.98
RW-28	733.88	12/26/2020	38.17	45.08	6.91	693.86
RW-28	733.88	2/1/2021	34.12	39.01	4.89	698.45
RW-28	729.51	3/4/2021	36.16	36.23	0.07	693.33
RW-28	729.51	4/1/2021	ND	35.98	0.00	693.53
RW-28	729.51	4/29/2021	35.98	36.40	0.42	693.42
RW-28	729.51	5/26/2021	37.14	37.56	0.42	692.26
RW-28	729.51	6/9/2021	ND	37.66	0.00	691.85
RW-28	729.51	7/1/2021	38.33	38.56	0.23	691.12
RW-28	729.51	7/14/2021	38.92	39.28	0.36	690.49
RW-28	729.51	7/28/2021	39.09	39.11	0.02	690.41
RW-28	729.51	8/26/2021	39.65	39.76	0.11	689.83
RW-28	729.51	9/16/2021	40.05	40.33	0.28	689.39
RW-28	729.51	9/23/2021	40.12	40.35	0.23	689.33
RW-28	729.51	10/27/2021	40.89	40.98	0.09	688.60
RW-29	721.84	9/13/2020	26.80	45.11	18.31	690.14
RW-29	721.84	9/14/2020	28.36	38.80	10.44	690.69
RW-29	721.84	9/18/2020	29.00	43.00	14.00	689.09
RW-29	721.84	9/28/2020	26.95	35.85	8.90	692.51
RW-29	721.84	10/2/2020	27.10	47.00	19.90	689.42
RW-29	721.84	10/6/2020	27.32	45.90	18.58	689.55

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-29	721.84	10/19/2020	27.68	47.65	19.97	688.82
RW-29	721.84	11/9/2020	28.35	47.89	19.54	688.26
RW-29	721.84	11/23/2020	28.65	48.30	19.65	687.93
RW-29	721.84	12/26/2020	27.56	44.11	16.55	689.85
RW-29	721.84	2/1/2021	Dry	Dry	Dry	Dry
RW-29	721.84	3/4/2021	30.18	39.65	9.47	689.13
RW-29	719.80	4/1/2021	30.96	37.82	6.86	687.00
RW-29	719.80	4/29/2021	31.49	36.20	4.71	687.05
RW-29	719.80	5/26/2021	32.97	34.00	1.03	686.55
RW-29	719.80	6/9/2021	33.26	34.09	0.83	686.32
RW-29	719.80	7/1/2021	33.82	34.57	0.75	685.78
RW-29	719.80	7/14/2021	34.02	34.73	0.71	685.59
RW-29	719.80	7/28/2021	34.58	35.21	0.63	685.05
RW-29	719.80	8/26/2021	35.61	36.68	1.07	683.90
RW-29	719.80	9/16/2021	35.87	39.51	3.64	682.96
RW-29	719.80	9/23/2021	36.19	36.74	0.55	683.46
RW-29	719.80	10/27/2021	37.74	39.48	1.74	681.59
RW-30	719.60	9/14/2020	23.60	26.95	3.35	695.10
RW-30	719.60	9/28/2020	22.33	37.10	14.77	693.32
RW-30	719.60	10/2/2020	24.30	31.40	7.10	693.40
RW-30	719.60	10/6/2020	24.92	33.15	8.23	692.48
RW-30	719.60	10/19/2020	22.26	41.10	18.84	692.30
RW-30	719.60	11/9/2020	22.74	41.49	18.75	691.84
RW-30	719.60	11/23/2020	23.15	41.50	18.35	691.54
RW-30	719.60	12/26/2020	21.67	39.21	17.54	693.24
RW-30	719.60	2/1/2021	22.84	35.00	12.16	693.51
RW-30	719.60	3/4/2021	22.33	31.71	9.38	694.76
RW-30	717.30	4/1/2021	22.89	28.80	5.91	692.83
RW-30	717.30	4/29/2021	23.52	27.15	3.63	692.81
RW-30	717.30	5/26/2021	24.88	26.95	2.07	691.87
RW-30	717.30	6/9/2021	25.43	26.96	1.53	691.46
RW-30	717.30	7/1/2021	26.25	27.04	0.79	690.84
RW-30	717.30	7/14/2021	26.81	27.44	0.63	690.32
RW-30	717.30	7/28/2021	27.58	28.09	0.51	689.58
RW-30	717.30	8/26/2021	29.1	30.09	0.99	687.94
RW-30	717.30	9/16/2021	30.51	30.62	0.11	686.76
RW-30	717.30	9/23/2021	30.75	31.03	0.28	686.48
RW-30	717.30	10/27/2021	31.49	35.52	4.03	684.73
RW-31	716.23	9/14/2020	27.38	28.66	1.28	688.51
RW-31	716.23	9/28/2020	23.25	43.45	20.20	687.57

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-31	716.23	10/2/2020	26.30	35.40	9.10	687.49
RW-31	716.23	10/6/2020	24.99	36.40	11.41	688.18
RW-31	716.23	10/19/2020	22.55	46.14	23.59	687.37
RW-31	716.23	11/9/2020	22.74	48.18	25.44	686.68
RW-31	716.23	11/23/2020	22.91	NW	>25.16	N/A
RW-31	716.23	12/26/2020	21.08	46.13	25.05	688.44
RW-31	716.23	2/1/2021	22.42	46.16	23.74	687.46
RW-31	716.23	3/4/2021	22.31	NW	>23.69	N/A
RW-31	714.14	4/1/2021	25.65	43.79	18.14	683.64
RW-31	714.14	4/29/2021	27.16	36.59	9.43	684.46
RW-31	714.14	5/26/2021	28.82	31.90	3.08	684.50
RW-31	714.14	6/9/2021	29.12	31.72	2.60	684.32
RW-31	714.14	7/1/2021	29.72	31.67	1.95	683.90
RW-31	714.14	7/14/2021	29.74	32.31	2.57	683.71
RW-31	714.14	7/28/2021	30.48	34.25	3.77	682.65
RW-31	714.14	8/26/2021	32.30	37.94	5.64	680.33
RW-31	714.14	9/16/2021	33.37	39.17	5.80	679.22
RW-31	714.14	9/23/2021	33.94	39.37	5.43	678.75
RW-31	714.14	10/27/2021	36.72	39.49	2.77	676.68
RW-32	716.45	9/28/2020	26.65	38.78	12.13	686.55
RW-32	716.45	10/2/2020	27.50	36.95	9.45	686.42
RW-32	716.45	10/6/2020	27.31	33.30	5.99	687.53
RW-32	716.45	10/8/2020	27.31	33.30	5.99	687.53
RW-32	716.45	10/19/2020	26.89	39.24	12.35	686.25
RW-32	716.45	11/9/2020	27.04	40.14	13.10	685.90
RW-32	716.45	11/23/2020	27.15	40.37	13.22	685.76
RW-32	716.45	12/26/2020	25.31	39.55	14.24	687.32
RW-32	716.45	2/1/2021	28.39	40.42	12.03	684.84
RW-32	716.45	3/4/2021	28.18	38.28	10.10	685.56
RW-32	716.45	4/1/2021	29.62	36.99	7.37	684.85
RW-32	716.45	4/29/2021	30.59	35.51	4.92	684.54
RW-32	716.45	5/26/2021	30.65	34.23	3.58	684.84
RW-32	716.45	6/9/2021	31.06	34.11	3.05	684.57
RW-32	716.45	7/1/2021	31.33	34.24	2.91	684.34
RW-32	716.45	7/14/2021	31.21	34.27	3.06	684.42
RW-32	716.45	7/28/2021	32.17	34.48	2.31	683.66
RW-32	716.45	8/26/2021	34.00	36.36	2.36	681.81
RW-32	716.45	9/16/2021	34.77	37.83	3.06	680.86
RW-32	716.45	9/23/2021	35.40	38.36	2.96	680.25
RW-32	716.45	10/27/2021	36.76	39.66	2.90	678.91

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-33	716.59	9/28/2020	ND	31.60	0.00	684.99
RW-33	716.59	10/9/2020	ND	30.88	0.00	685.71
RW-33	716.59	10/19/2020	ND	30.90	0.00	685.69
RW-33	716.59	11/9/2020	ND	31.24	0.00	685.35
RW-33	716.59	11/23/2020	31.25	31.31	0.06	685.32
RW-33	716.59	12/26/2020	31.33	32.34	1.01	684.99
RW-33	716.59	2/1/2021	29.70	38.67	8.97	684.49
RW-33	716.59	3/4/2021	29.94	35.54	5.60	685.15
RW-33	716.59	4/1/2021	29.92	37.13	7.21	684.74
RW-33	716.59	4/29/2021	30.58	37.00	6.42	684.29
RW-33	716.59	5/26/2021	30.50	36.46	5.96	684.50
RW-33	716.59	6/9/2021	30.77	36.74	5.97	684.22
RW-33	716.59	7/1/2021	31.20	36.72	5.52	683.91
RW-33	716.59	7/14/2021	31.27	36.38	5.11	683.95
RW-33	716.59	7/28/2021	31.82	37.49	5.67	683.25
RW-33	716.59	8/26/2021	33.83	38.43	4.60	681.53
RW-33	716.59	9/16/2021	36.13	36.26	0.13	680.43
RW-33	716.59	9/23/2021	36.71	37.04	0.33	679.79
RW-33	716.59	10/27/2021	38.09	38.45	0.36	678.40
RW-34	735.92	9/28/2020	33.95	43.25	9.30	699.48
RW-34	735.92	10/2/2020	42.78	43.50	0.72	692.94
RW-34	735.92	10/7/2020	42.59	43.31	0.72	693.13
RW-34	735.92	10/19/2020	42.64	43.73	1.09	692.98
RW-34	735.92	11/9/2020	42.21	45.75	3.54	692.76
RW-34	735.92	11/23/2020	41.91	46.26	4.35	692.84
RW-34	735.92	12/26/2020	39.03	48.84	9.81	694.26
RW-34	735.92	2/1/2021	40.58	48.31	7.73	693.27
RW-34	735.92	3/4/2021	40.61	NW	>7.89	N/A
RW-34	735.92	4/1/2021	41.63	48.65	7.02	692.41
RW-34	735.92	4/29/2021	42.06	48.24	6.18	692.20
RW-34	735.92	5/26/2021	42.64	47.52	4.88	691.97
RW-34	735.92	6/9/2021	42.69	48.14	5.45	691.77
RW-34	735.92	7/1/2021	42.65	48.18	5.53	691.79
RW-34	735.92	7/14/2021	43.62	47.11	3.49	691.36
RW-34	735.92	7/28/2021	43.88	47.05	3.17	691.19
RW-34	735.92	8/26/2021	44.40	47.35	2.95	690.73
RW-34	735.92	9/16/2021	45.70	47.34	1.64	689.78
RW-34	735.92	9/23/2021	45.96	47.22	1.26	689.62
RW-34	735.92	10/27/2021	46.31	47.58	1.27	689.27
RW-35	740.16	10/2/2020	41.25	53.80	12.55	695.55

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-35	740.16	10/7/2020	42.31	47.66	5.35	696.42
RW-35	740.16	10/19/2020	40.44	53.16	12.72	696.32
RW-35	740.16	11/9/2020	40.87	53.48	12.61	695.92
RW-35	740.16	11/23/2020	41.56	53.07	11.51	695.52
RW-35	740.16	12/26/2020	41.96	54.60	12.64	694.82
RW-35	740.16	2/1/2021	43.28	52.67	9.39	694.37
RW-35	740.16	3/4/2021	43.72	53.11	9.39	693.93
RW-35	740.16	4/1/2021	ND	44.67	0.00	695.49
RW-35	740.16	4/29/2021	44.91	53.92	9.01	692.84
RW-35	740.16	5/26/2021	46.31	49.48	3.17	693.00
RW-35	740.16	6/9/2021	46.84	49.43	2.59	692.63
RW-35	740.16	7/1/2021	48.05	49.70	1.65	691.67
RW-35	740.16	7/14/2021	48.56	49.75	1.19	691.28
RW-35	740.16	7/28/2021	48.78	50.12	1.34	691.02
RW-35	740.16	8/26/2021	49.33	51.09	1.76	690.36
RW-35	740.16	9/16/2021	49.96	52.05	2.09	689.64
RW-35	740.16	9/23/2021	50.16	52.02	1.86	689.50
RW-35	740.16	10/27/2021	50.94	53.48	2.54	688.54
RW-36	743.69	10/2/2020	45.00	58.63	13.63	695.04
RW-36	743.69	10/7/2020	45.22	56.81	11.59	695.37
RW-36	743.69	10/19/2020	45.39	59.40	14.01	694.55
RW-36	743.69	11/9/2020	45.84	58.68	12.84	694.42
RW-36	743.69	11/23/2020	46.10	59.50	13.40	694.01
RW-36	743.69	12/26/2020	44.45	56.67	12.22	695.97
RW-36	743.69	2/1/2021	46.24	55.27	9.03	695.03
RW-36	741.45	3/4/2021	46.87	54.63	7.76	692.50
RW-36	741.45	4/1/2021	ND	47.92	0.00	693.53
RW-36	741.45	4/29/2021	48.28	53.36	5.08	691.81
RW-36	741.45	5/26/2021	48.44	52.34	3.90	691.97
RW-36	741.45	6/9/2021	48.99	52.77	3.78	691.45
RW-36	741.45	7/1/2021	49.68	54.21	4.53	690.56
RW-36	741.45	7/14/2021	49.85	54.65	4.80	690.32
RW-36	741.45	7/28/2021	50.02	54.97	4.95	690.11
RW-36	741.45	8/26/2021	50.65	55.55	4.90	689.49
RW-36	741.45	9/16/2021	51.94	55.12	3.18	688.66
RW-36	741.45	9/23/2021	52.35	54.61	2.26	688.50
RW-36	741.45	10/27/2021	54.08	54.34	0.26	687.30
RW-37	744.77	10/8/2020	51.74	53.64	1.90	692.52
RW-37	744.77	10/19/2020	52.15	52.87	0.72	692.43
RW-37	744.77	11/9/2020	51.95	53.65	1.70	692.37

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-37	744.77	11/23/2020	52.16	53.30	1.14	692.31
RW-37	744.77	12/26/2020	49.85	52.54	2.69	694.20
RW-37	744.77	2/1/2021	49.83	53.88	4.05	693.86
RW-37	742.78	3/4/2021	50.10	53.06	2.96	691.89
RW-37	742.78	4/1/2021	50.51	50.96	0.45	692.15
RW-37	742.78	4/29/2021	50.79	51.94	1.15	691.68
RW-37	742.78	5/26/2021	50.74	52.13	1.39	691.67
RW-37	742.78	6/9/2021	51.11	51.81	0.70	691.48
RW-37	742.78	7/1/2021	51.53	52.05	0.52	691.11
RW-37	742.78	7/14/2021	51.65	52.16	0.51	690.99
RW-37	742.78	7/28/2021	51.90	52.38	0.48	690.75
RW-37	742.78	8/26/2021	52.45	52.86	0.41	690.22
RW-37	742.78	9/16/2021	52.99	53.33	0.34	689.70
RW-37	742.78	9/23/2021	53.10	53.62	0.52	689.54
RW-37	742.78	10/27/2021	53.82	54.61	0.79	688.75
RW-38	739.72	10/2/2020	38.70	49.00	10.30	698.27
RW-38	739.72	10/7/2020	39.38	45.53	6.15	698.70
RW-38	739.72	10/19/2020	38.15	49.55	11.40	698.52
RW-38	739.72	11/9/2020	39.17	49.60	10.43	697.76
RW-38	739.72	11/23/2020	39.71	NW	>9.97	N/A
RW-38	739.72	12/26/2020	38.12	47.70	9.58	699.04
RW-38	739.72	2/1/2021	39.17	46.70	7.53	698.54
RW-38	737.33	3/4/2021	39.92	47.00	7.08	695.52
RW-38	737.33	4/1/2021	ND	41.29	0.00	696.04
RW-38	737.33	4/29/2021	42.14	43.90	1.76	694.72
RW-38	737.33	5/26/2021	42.53	42.95	0.42	694.69
RW-38	737.33	6/9/2021	42.92	43.08	0.16	694.37
RW-38	737.33	7/1/2021	43.38	43.60	0.22	693.89
RW-38	737.33	7/14/2021	43.77	43.91	0.14	693.52
RW-38	737.33	7/28/2021	44.14	44.36	0.22	693.13
RW-38	737.33	8/26/2021	44.80	44.95	0.15	692.49
RW-38	737.33	9/16/2021	45.23	45.93	0.70	691.91
RW-38	737.33	9/23/2021	45.35	46.09	0.74	691.78
RW-38	737.33	10/27/2021	45.77	47.04	1.27	691.22
RW-39	721.77	10/8/2020	ND	32.44	0.00	689.33
RW-39	721.77	10/19/2020	32.49	32.66	0.17	689.24
RW-39	721.77	11/9/2020	32.47	32.64	0.17	689.26
RW-39	721.77	11/23/2020	ND	32.41	0.00	689.36
RW-39	721.77	12/26/2020	32.34	32.49	0.15	689.39
RW-39	721.77	1/19/2021	32.70	32.81	0.11	689.04

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-39	721.77	1/25/2021	32.63	32.79	0.16	689.10
RW-39	721.77	2/1/2021	32.45	32.60	0.15	689.28
RW-39	721.77	2/8/2021	33.05	33.14	0.09	688.70
RW-39	721.77	2/16/2021	32.68	32.75	0.07	689.07
RW-39	721.77	2/22/2021	32.51	32.56	0.05	689.25
RW-39	721.77	3/4/2021	32.22	32.40	0.18	689.50
RW-39	721.77	3/8/2021	32.60	32.65	0.05	689.16
RW-39	721.77	3/15/2021	32.55	32.60	0.05	689.21
RW-39	721.77	3/22/2021	32.43	32.46	0.03	689.33
RW-39	721.77	4/1/2021	32.12	32.15	0.03	689.64
RW-39	721.77	4/12/2021	32.20	32.24	0.04	689.56
RW-39	721.77	4/19/2021	32.20	32.22	0.02	689.56
RW-39	721.77	4/29/2021	31.88	31.89	0.01	689.89
RW-39	721.77	5/3/2021	32.06	32.09	0.03	689.70
RW-39	721.77	5/10/2021	33.00	33.03	0.03	688.76
RW-39	721.77	5/18/2021	31.99	32.02	0.03	689.77
RW-39	721.77	5/26/2021	31.88	31.90	0.02	689.88
RW-39	721.77	5/31/2021	32.17	32.20	0.03	689.59
RW-39	721.77	6/7/2021	32.25	32.29	0.04	689.51
RW-39	721.77	6/14/2021	32.28	32.31	0.03	689.48
RW-39	721.77	6/21/2021	32.46	32.49	0.03	689.30
RW-39	721.77	7/1/2021	32.46	32.54	0.08	689.29
RW-39	721.77	7/6/2021	33.88	33.92	0.04	687.88
RW-39	721.77	7/14/2021	32.81	32.89	0.08	688.94
RW-39	721.77	7/28/2021	33.29	33.38	0.09	688.46
RW-39	721.77	8/2/2021	33.82	33.91	0.09	687.93
RW-39	721.77	8/16/2021	33.88	34.72	0.84	687.67
RW-39	721.77	8/26/2021	33.58	35.58	2.00	687.65
RW-39	721.77	8/30/2021	33.80	36.07	2.27	687.36
RW-39	721.77	9/16/2021	32.02	33.03	1.01	689.48
RW-39	721.77	9/23/2021	32.21	33.09	0.88	689.32
RW-39	721.77	10/27/2021	32.94	34.11	1.17	688.52
RW-40	722.94	10/8/2020	ND	33.34	0.00	689.60
RW-40	722.94	10/19/2020	ND	33.50	0.00	689.44
RW-40	722.94	11/9/2020	ND	33.42	0.00	689.52
RW-40	722.94	11/23/2020	ND	32.57	0.00	690.37
RW-40	722.94	12/26/2020	ND	33.30	0.00	689.64
RW-40	722.94	1/19/2021	ND	33.76	0.00	689.18
RW-40	722.94	1/25/2021	ND	33.69	0.00	689.25
RW-40	722.94	2/1/2021	ND	33.47	0.00	689.47

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-40	722.94	2/8/2021	ND	34.11	0.00	688.83
RW-40	722.94	2/16/2021	ND	33.72	0.00	689.22
RW-40	722.94	2/22/2021	ND	33.57	0.00	689.37
RW-40	722.94	3/4/2021	ND	33.38	0.00	689.56
RW-40	722.94	3/8/2021	ND	33.64	0.00	689.30
RW-40	722.94	3/16/2021	ND	33.67	0.00	689.27
RW-40	722.94	3/22/2021	ND	33.50	0.00	689.44
RW-40	722.94	4/1/2021	ND	33.15	0.00	689.79
RW-40	722.94	4/12/2021	ND	33.28	0.00	689.66
RW-40	722.94	4/19/2021	ND	33.26	0.00	689.68
RW-40	722.94	4/29/2021	ND	32.91	0.00	690.03
RW-40	722.94	5/3/2021	ND	33.08	0.00	689.86
RW-40	722.94	5/18/2021	ND	32.95	0.00	689.99
RW-40	722.94	5/26/2021	ND	32.82	0.00	690.12
RW-40	722.94	5/31/2021	ND	33.15	0.00	689.79
RW-40	722.94	6/7/2021	ND	33.21	0.00	689.73
RW-40	722.94	6/14/2021	ND	33.25	0.00	689.69
RW-40	722.94	6/21/2021	ND	33.38	0.00	689.56
RW-40	722.94	7/1/2021	ND	33.34	0.00	689.60
RW-40	722.94	7/6/2021	ND	33.84	0.00	689.10
RW-40	722.94	7/14/2021	ND	33.77	0.00	689.17
RW-40	722.94	7/28/2021	ND	34.17	0.00	688.77
RW-40	722.94	8/2/2021	ND	34.64	0.00	688.30
RW-40	722.94	8/16/2021	ND	34.93	0.00	688.01
RW-40	722.94	8/26/2021	ND	34.87	0.00	688.07
RW-40	722.94	8/30/2021	ND	35.23	0.00	687.71
RW-40	722.94	9/23/2021	ND	35.66	0.00	687.28
RW-40	722.94	10/6/2021	ND	36.21	0.00	686.73
RW-40	722.94	10/12/2021	ND	36.43	0.00	686.51
RW-40	722.94	10/18/2021	ND	36.54	0.00	686.40
RW-40	722.94	10/27/2021	ND	36.39	0.00	686.55
RW-40	722.94	11/1/2021	ND	36.56	0.00	686.38
RW-40	722.94	11/15/2021	ND	36.77	0.00	686.17
RW-41	735.51	11/23/2020	Dry	Dry	Dry	Dry
RW-41	735.51	12/26/2020	Dry	Dry	Dry	Dry
RW-41	735.51	2/1/2021	Dry	Dry	Dry	Dry
RW-41	735.51	3/4/2021	Dry	Dry	Dry	Dry
RW-41	735.51	4/1/2021	Dry	Dry	Dry	Dry
RW-41	735.51	4/12/2021	Dry	Dry	Dry	Dry
RW-41	735.51	4/19/2021	Dry	Dry	Dry	Dry
RW-41	735.51	4/29/2021	Dry	Dry	Dry	Dry

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-41	735.51	5/3/2021	Dry	Dry	Dry	Dry
RW-41	735.51	5/10/2021	Dry	Dry	Dry	Dry
RW-41	735.51	5/18/2021	Dry	Dry	Dry	Dry
RW-41	735.51	5/26/2021	Dry	Dry	Dry	Dry
RW-41	735.51	5/31/2021	Dry	Dry	Dry	Dry
RW-41	735.51	6/9/2021	Dry	Dry	Dry	Dry
RW-41	735.51	6/14/2021	Dry	Dry	Dry	Dry
RW-41	735.51	6/21/2021	Dry	Dry	Dry	Dry
RW-41	735.51	7/1/2021	Dry	Dry	Dry	Dry
RW-41	735.51	7/6/2021	Dry	Dry	Dry	Dry
RW-41	735.51	7/14/2021	Dry	Dry	Dry	Dry
RW-41	735.51	7/28/2021	Dry	Dry	Dry	Dry
RW-41	735.51	8/2/2021	Dry	Dry	Dry	Dry
RW-41	735.51	8/16/2021	Dry	Dry	Dry	Dry
RW-41	735.51	8/26/2021	Dry	Dry	Dry	Dry
RW-41	735.51	8/30/2021	Dry	Dry	Dry	Dry
RW-41	735.51	9/16/2021	Dry	Dry	Dry	Dry
RW-41	735.51	9/23/2021	Dry	Dry	Dry	Dry
RW-41	735.51	10/6/2021	Dry	Dry	Dry	Dry
RW-41	735.51	10/12/2021	Dry	Dry	Dry	Dry
RW-41	735.51	10/27/2021	Dry	Dry	Dry	Dry
RW-41	735.51	11/1/2021	Dry	Dry	Dry	Dry
RW-41	735.51	11/15/2021	Dry	Dry	Dry	Dry
RW-42	733.80	11/23/2020	Dry	Dry	Dry	Dry
RW-42	733.80	12/26/2020	Dry	Dry	Dry	Dry
RW-42	733.80	1/25/2021	Dry	Dry	Dry	Dry
RW-42	733.80	2/1/2021	Dry	Dry	Dry	Dry
RW-42	733.80	2/8/2021	Dry	Dry	Dry	Dry
RW-42	733.80	3/4/2021	Dry	Dry	Dry	Dry
RW-42	733.80	4/1/2021	ND	31.29	0.00	702.51
RW-42	733.80	4/12/2021	ND	31.32	0.00	702.48
RW-42	733.80	4/19/2021	Dry	Dry	Dry	Dry
RW-42	733.80	4/29/2021	Dry	Dry	Dry	Dry
RW-42	733.80	5/3/2021	Dry	Dry	Dry	Dry
RW-42	733.80	5/10/2021	Dry	Dry	Dry	Dry
RW-42	733.80	5/18/2021	Dry	Dry	Dry	Dry
RW-42	733.80	5/26/2021	Dry	Dry	Dry	Dry
RW-42	733.80	5/31/2021	Dry	Dry	Dry	Dry
RW-42	733.80	6/9/2021	Dry	Dry	Dry	Dry
RW-42	733.80	6/14/2021	Dry	Dry	Dry	Dry
RW-42	733.80	6/21/2021	Dry	Dry	Dry	Dry
RW-42	733.80	7/1/2021	Dry	Dry	Dry	Dry

Table 4
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-42	733.80	7/6/2021	Dry	Dry	Dry	Dry
RW-42	733.80	7/14/2021	Dry	Dry	Dry	Dry
RW-42	734.80	7/28/2021	Dry	Dry	Dry	Dry
RW-42	734.80	8/2/2021	Dry	Dry	Dry	Dry
RW-42	734.80	8/16/2021	Dry	Dry	Dry	Dry
RW-42	734.80	8/26/2021	Dry	Dry	Dry	Dry
RW-42	734.80	8/30/2021	Dry	Dry	Dry	Dry
RW-42	734.80	9/16/2021	Dry	Dry	Dry	Dry
RW-42	734.80	9/23/2021	Dry	Dry	Dry	Dry
RW-42	734.80	10/6/2021	Dry	Dry	Dry	Dry
RW-42	734.80	10/12/2021	Dry	Dry	Dry	Dry
RW-42	734.80	10/27/2021	Dry	Dry	Dry	Dry
RW-42	734.80	11/1/2021	Dry	Dry	Dry	Dry
RW-42	734.80	11/15/2021	Dry	Dry	Dry	Dry
RW-43	737.70	11/23/2020	37.26	41.71	4.45	699.25
RW-43	737.70	12/26/2020	ND	38.56	0.00	699.14
RW-43	737.70	2/1/2021	39.02	41.50	2.48	698.02
RW-43	737.70	3/4/2021	39.60	40.78	1.18	697.78
RW-43	737.70	4/1/2021	ND	40.05	0.00	697.65
RW-43	737.70	4/29/2021	39.69	39.83	0.14	697.97
RW-43	737.70	5/26/2021	39.72	39.75	0.03	697.97
RW-43	737.70	6/9/2021	ND	39.94	0.00	697.76
RW-43	737.70	7/1/2021	40.19	40.43	0.24	697.45
RW-43	737.70	7/14/2021	40.41	40.44	0.03	697.28
RW-43	737.70	7/28/2021	40.65	40.90	0.25	696.98
RW-43	737.70	8/26/2021	ND	41.36	0.00	696.34
RW-43	737.70	9/16/2021	41.47	42.74	1.27	695.89
RW-43	737.70	9/23/2021	ND	41.57	0.00	696.13
RW-43	737.70	10/27/2021	41.98	42.90	0.92	695.47
RW-44	738.21	11/23/2020	Dry	Dry	Dry	Dry
RW-44	738.21	12/26/2020	Dry	Dry	Dry	Dry
RW-44	738.21	1/19/2021	Dry	Dry	Dry	Dry
RW-44	738.21	1/25/2021	Dry	Dry	Dry	Dry
RW-44	738.21	2/1/2021	Dry	Dry	Dry	Dry
RW-44	738.21	2/8/2021	Dry	Dry	Dry	Dry
RW-44	738.21	2/22/2021	Dry	Dry	Dry	Dry
RW-44	738.21	3/4/2021	Dry	Dry	Dry	Dry
RW-44	738.21	4/1/2021	Dry	Dry	Dry	Dry
RW-44	738.21	4/12/2021	Dry	Dry	Dry	Dry
RW-44	738.21	4/19/2021	Dry	Dry	Dry	Dry
RW-44	738.21	4/29/2021	Dry	Dry	Dry	Dry

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-44	738.21	5/3/2021	Dry	Dry	Dry	Dry
RW-44	738.21	5/10/2021	Dry	Dry	Dry	Dry
RW-44	738.21	5/18/2021	Dry	Dry	Dry	Dry
RW-44	738.21	5/26/2021	Dry	Dry	Dry	Dry
RW-44	738.21	5/31/2021	Dry	Dry	Dry	Dry
RW-44	738.21	6/9/2021	Dry	Dry	Dry	Dry
RW-44	738.21	6/14/2021	Dry	Dry	Dry	Dry
RW-44	738.21	6/21/2021	Dry	Dry	Dry	Dry
RW-44	738.21	7/1/2021	Dry	Dry	Dry	Dry
RW-44	738.21	7/6/2021	Dry	Dry	Dry	Dry
RW-44	738.21	7/14/2021	Dry	Dry	Dry	Dry
RW-44	738.21	7/28/2021	Dry	Dry	Dry	Dry
RW-44	738.21	8/2/2021	Dry	Dry	Dry	Dry
RW-44	738.21	8/16/2021	Dry	Dry	Dry	Dry
RW-44	738.21	8/26/2021	Dry	Dry	Dry	Dry
RW-44	738.21	8/30/2021	Dry	Dry	Dry	Dry
RW-44	738.21	9/16/2021	Dry	Dry	Dry	Dry
RW-44	738.21	9/23/2021	Dry	Dry	Dry	Dry
RW-44	738.21	10/6/2021	Dry	Dry	Dry	Dry
RW-44	738.21	10/12/2021	Dry	Dry	Dry	Dry
RW-44	738.21	10/27/2021	Dry	Dry	Dry	Dry
RW-44	738.21	11/1/2021	Dry	Dry	Dry	Dry
RW-44	738.21	11/15/2021	Dry	Dry	Dry	Dry
RW-45	722.04	11/23/2020	31.05	32.01	0.96	690.73
RW-45	722.04	12/26/2020	31.04	31.48	0.44	690.88
RW-45	722.04	2/1/2021	31.18	32.69	1.51	690.46
RW-45	722.04	3/4/2021	31.44	31.58	0.14	690.56
RW-45	722.04	4/1/2021	31.63	31.64	0.01	690.41
RW-45	722.04	4/29/2021	31.49	31.58	0.09	690.53
RW-45	722.04	5/26/2021	32.16	32.18	0.02	689.87
RW-45	722.04	6/9/2021	32.49	32.52	0.03	689.54
RW-45	722.04	7/1/2021	32.94	32.98	0.04	689.09
RW-45	722.04	7/14/2021	ND	33.34	0.00	688.70
RW-45	722.04	7/28/2021	33.82	33.88	0.06	688.20
RW-45	722.04	8/26/2021	ND	34.64	0.00	687.40
RW-45	722.04	9/16/2021	ND	35.26	0.00	686.78
RW-45	722.04	9/23/2021	35.42	35.47	0.05	686.61
RW-45	722.04	10/27/2021	36.30	36.31	0.01	685.74
RW-46	716.92	11/23/2020	23.02	NW	>20.99	N/A
RW-46	716.92	12/26/2020	24.10	43.70	19.60	687.58
RW-46	716.92	1/25/2021	Dry	Dry	Dry	Dry
RW-46	716.92	2/1/2021	26.60	43.43	16.83	685.82

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-46	716.92	2/8/2021	ARP	ARP	ARP	ARP
RW-46	716.92	3/4/2021	26.46	41.42	14.96	686.46
RW-46	716.66	4/1/2021	28.38	36.76	8.38	686.03
RW-46	716.66	4/29/2021	28.61	35.09	6.48	686.32
RW-46	716.66	5/26/2021	30.14	33.76	3.62	685.55
RW-46	716.66	6/9/2021	30.85	33.04	2.19	685.23
RW-46	716.66	7/1/2021	31.10	34.19	3.09	684.74
RW-46	716.66	7/14/2021	31.89	33.02	1.13	684.47
RW-46	716.66	7/28/2021	32.42	35.08	2.66	683.53
RW-46	716.66	8/26/2021	33.96	37.30	3.34	681.81
RW-46	716.66	9/16/2021	35.45	37.56	2.11	680.65
RW-46	716.66	9/23/2021	35.94	38.17	2.23	680.13
RW-46	716.66	10/27/2021	35.92	43.25	7.33	678.78
RW-47	726.60	12/26/2020	27.60	40.80	13.20	695.47
RW-47	726.60	2/1/2021	29.94	35.94	6.00	695.05
RW-47	726.60	3/4/2021	30.01	33.49	3.48	695.66
RW-47	725.40	4/1/2021	29.50	34.45	4.95	694.58
RW-47	725.40	4/29/2021	28.83	34.58	5.75	695.03
RW-47	725.40	5/26/2021	30.37	32.90	2.53	694.35
RW-47	725.40	6/9/2021	30.58	31.90	1.32	694.47
RW-47	725.40	7/1/2021	30.58	32.93	2.35	694.19
RW-47	725.40	7/14/2021	30.91	33.39	2.48	693.83
RW-47	725.40	7/28/2021	32.07	33.01	0.94	693.08
RW-47	725.40	8/26/2021	50.64	51.16	0.52	674.62
RW-47	725.40	9/16/2021	34.05	34.61	0.56	691.20
RW-47	725.40	9/23/2021	34.30	34.95	0.65	690.93
RW-47	725.40	10/27/2021	35.45	35.93	0.48	689.82
RW-48	741.03	12/26/2020	33.82	34.54	0.72	707.02
RW-48	741.03	2/1/2021	48.55	51.58	3.03	691.67
RW-48	741.03	3/4/2021	48.48	51.78	3.30	691.67
RW-48	741.03	4/1/2021	48.82	51.21	2.39	691.57
RW-48	741.03	4/29/2021	48.90	50.73	1.83	691.64
RW-48	741.03	5/26/2021	49.14	50.36	1.22	691.56
RW-48	741.03	6/9/2021	33.73	33.85	0.12	707.27
RW-48	741.03	7/1/2021	49.74	50.17	0.43	691.17
RW-48	741.03	7/14/2021	49.96	50.32	0.36	690.97
RW-48	741.03	7/28/2021	50.14	50.41	0.27	690.82
RW-48	741.03	8/26/2021	33.18	33.85	0.67	707.67
RW-48	741.03	9/16/2021	51.22	51.48	0.26	689.74
RW-48	741.03	9/23/2021	51.28	51.75	0.47	689.62
RW-48	741.03	10/27/2021	52.00	52.53	0.53	688.89
RW-49	730.47	2/1/2021	36.13	37.90	1.77	693.87

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-49	730.47	3/4/2021	36.87	37.68	0.81	693.38
RW-49	730.47	4/1/2021	37.31	37.44	0.13	693.13
RW-49	730.47	4/29/2021	ND	37.13	0.00	693.34
RW-49	730.47	5/26/2021	38.05	38.49	0.44	692.30
RW-49	730.47	6/9/2021	38.49	38.98	0.49	691.85
RW-49	730.47	7/1/2021	39.04	39.80	0.76	691.23
RW-49	730.47	7/14/2021	39.57	40.72	1.15	690.59
RW-49	730.47	7/28/2021	39.86	39.94	0.08	690.59
RW-49	730.47	8/26/2021	40.33	40.76	0.43	690.03
RW-49	730.47	9/16/2021	40.76	41.33	0.57	689.56
RW-49	730.47	9/23/2021	40.83	40.86	0.03	689.63
RW-49	730.47	10/27/2021	41.52	42.12	0.60	688.79
RW-50	733.87	2/1/2021	40.40	40.89	0.49	693.34
RW-50	733.87	3/4/2021	40.31	41.26	0.95	693.30
RW-50	733.87	4/1/2021	40.81	41.27	0.46	692.93
RW-50	733.87	4/29/2021	40.21	41.56	1.35	693.30
RW-50	733.87	5/26/2021	ND	41.42	0.00	692.45
RW-50	733.87	6/9/2021	ND	41.76	0.00	692.11
RW-50	733.87	7/1/2021	ND	42.29	0.00	691.58
RW-50	733.87	7/14/2021	ND	42.58	0.00	691.29
RW-50	733.87	7/28/2021	42.67	42.69	0.02	691.19
RW-50	733.87	8/26/2021	43.28	43.32	0.04	690.58
RW-50	733.87	9/16/2021	ND	43.82	0.00	690.05
RW-50	733.87	9/23/2021	ND	43.88	0.00	689.99
RW-50	733.87	10/27/2021	ND	42.66	0.00	691.21
RW-51	734.12	2/1/2021	40.18	42.23	2.05	693.39
RW-51	734.12	3/4/2021	40.17	42.64	2.47	693.29
RW-51	734.12	4/1/2021	ND	40.85	0.00	693.27
RW-51	734.12	4/29/2021	40.64	41.60	0.96	693.22
RW-51	734.12	5/26/2021	41.51	42.31	0.80	692.40
RW-51	734.12	6/9/2021	41.81	42.57	0.76	692.11
RW-51	734.12	7/1/2021	42.34	43.29	0.95	691.53
RW-51	734.12	7/14/2021	42.91	43.64	0.73	691.01
RW-51	734.12	7/28/2021	43.18	42.89	-0.29	691.02
RW-51	734.12	8/26/2021	43.40	44.10	0.70	690.53
RW-51	734.12	9/16/2021	43.98	44.67	0.69	689.95
RW-51	734.12	9/23/2021	44.05	44.79	0.74	689.87
RW-51	734.12	10/27/2021	44.92	45.26	0.34	689.11
RW-52	726.96	2/1/2021	28.96	35.10	6.14	696.36
RW-52	726.96	3/4/2021	30.08	33.98	3.90	695.84
RW-52	726.96	4/1/2021	ND	30.56	0.00	696.40
RW-52	726.96	4/29/2021	30.20	32.94	2.74	696.03

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-52	726.96	5/26/2021	31.26	33.02	1.76	695.23
RW-52	726.96	6/9/2021	31.65	33.25	1.60	694.88
RW-52	726.96	7/1/2021	32.29	33.35	1.06	694.39
RW-52	726.96	7/14/2021	32.77	33.52	0.75	693.99
RW-52	726.96	7/28/2021	32.78	33.02	0.24	694.11
RW-52	726.96	8/26/2021	33.45	33.83	0.38	693.41
RW-52	726.96	9/16/2021	33.63	34.44	0.81	693.11
RW-52	726.96	9/23/2021	33.80	34.04	0.24	693.09
RW-52	726.96	10/27/2021	34.34	35.02	0.68	692.44
RW-53	725.48	2/1/2021	27.42	30.00	2.58	697.37
RW-53	725.48	3/4/2021	28.02	30.80	2.78	696.72
RW-53	725.48	4/1/2021	28.51	29.36	0.85	696.75
RW-53	725.48	4/29/2021	28.19	30.15	1.96	696.77
RW-53	725.48	5/26/2021	29.15	30.20	1.05	696.05
RW-53	725.48	6/9/2021	29.63	30.35	0.72	695.66
RW-53	725.48	7/1/2021	30.14	31.02	0.88	695.11
RW-53	725.48	7/14/2021	30.44	31.46	1.02	694.77
RW-53	725.48	7/28/2021	30.45	31.00	0.55	694.89
RW-53	725.48	8/26/2021	30.98	31.73	0.75	694.30
RW-53	725.48	9/16/2021	31.31	31.72	0.41	694.06
RW-53	725.48	9/23/2021	31.37	31.74	0.37	694.01
RW-53	725.48	10/27/2021	ND	31.74	0.00	693.74
RW-54	727.86	2/1/2021	29.96	43.34	13.38	694.32
RW-54	727.86	3/4/2021	32.95	38.43	5.48	693.44
RW-54	727.86	4/1/2021	ND	31.34	0.00	696.52
RW-54	727.86	4/29/2021	32.34	38.30	5.96	693.92
RW-54	727.86	5/26/2021	34.15	37.99	3.84	692.68
RW-54	727.86	6/9/2021	34.90	37.82	2.92	692.18
RW-54	727.86	7/1/2021	35.77	38.08	2.31	691.47
RW-54	727.86	7/14/2021	36.50	38.61	2.11	690.79
RW-54	727.86	7/28/2021	36.73	38.17	1.44	690.74
RW-54	727.86	8/26/2021	37.46	38.77	1.31	690.05
RW-54	727.86	9/16/2021	37.98	39.05	1.07	689.59
RW-54	727.86	9/23/2021	38.04	39.16	1.12	689.52
RW-54	727.86	10/27/2021	38.98	40.11	1.13	688.58
RW-55	723.05	1/25/2021	27.15	35.11	7.96	693.77
RW-55	723.05	2/1/2021	26.91	35.48	8.57	693.85
RW-55	723.05	2/8/2021	ARP	ARP	ARP	ARP
RW-55	723.05	3/4/2021	27.12	31.21	4.09	694.84
RW-55	723.05	4/1/2021	27.55	29.92	2.37	694.87
RW-55	723.05	4/29/2021	27.24	28.98	1.74	695.35
RW-55	723.05	5/26/2021	28.82	29.91	1.09	693.94

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-55	723.05	6/9/2021	29.29	29.99	0.70	693.57
RW-55	723.05	7/1/2021	30.04	30.39	0.35	692.92
RW-55	723.05	7/14/2021	29.89	30.05	0.16	693.12
RW-55	723.05	7/28/2021	29.83	30.13	0.30	693.14
RW-55	723.05	8/26/2021	31.08	31.28	0.20	691.92
RW-55	723.05	9/16/2021	31.53	31.79	0.26	691.45
RW-55	723.05	9/23/2021	30.50	32.00	1.50	692.15
RW-55	723.05	10/27/2021	32.30	32.42	0.12	690.72
RW-56	723.99	1/25/2021	31.85	31.86	0.01	692.14
RW-56	723.99	2/1/2021	31.76	31.91	0.15	692.19
RW-56	723.99	2/8/2021	ARP	ARP	ARP	ARP
RW-56	723.99	3/4/2021	29.18	30.17	0.99	694.55
RW-56	723.99	4/1/2021	29.71	29.92	0.21	694.23
RW-56	723.99	4/29/2021	28.93	29.91	0.98	694.80
RW-56	723.99	5/26/2021	30.04	31.23	1.19	693.63
RW-56	723.99	6/9/2021	30.88	31.44	0.56	692.96
RW-56	723.99	7/1/2021	31.88	31.98	0.10	692.09
RW-56	723.99	7/14/2021	32.10	32.35	0.25	691.83
RW-56	723.99	7/28/2021	ND	32.06	0.00	691.93
RW-56	723.99	8/26/2021	ND	32.89	0.00	691.10
RW-56	723.99	9/16/2021	33.22	33.28	0.06	690.76
RW-56	723.99	9/23/2021	ND	33.25	0.00	690.74
RW-56	723.99	10/27/2021	33.84	33.86	0.02	690.15
RW-57	713.57	3/15/2021	ARP	ARP	ARP	ARP
RW-57	713.57	3/22/2021	ARP	ARP	ARP	ARP
RW-57	713.57	4/1/2021	25.42	41.45	16.03	683.86
RW-57	713.57	4/29/2021	26.78	36.98	10.20	684.06
RW-57	713.57	5/26/2021	27.43	35.36	7.93	684.02
RW-57	713.57	6/9/2021	27.75	35.08	7.33	683.86
RW-57	713.57	7/1/2021	28.38	34.86	6.48	683.46
RW-57	713.57	7/14/2021	28.56	34.89	6.33	683.32
RW-57	713.57	7/28/2021	29.16	36.88	7.72	682.35
RW-57	713.57	8/26/2021	30.35	43.04	12.69	679.83
RW-57	713.57	9/16/2021	31.58	44.84	13.26	678.45
RW-57	713.57	9/23/2021	31.63	45.69	14.06	678.18
RW-57	713.57	10/27/2021	34.55	45.75	11.20	676.03
RW-58	714.85	3/15/2021	27.92	50.10	22.18	681.00
RW-58	714.85	3/22/2021	ARP	ARP	ARP	ARP
RW-58	714.85	4/1/2021	28.34	31.02	2.68	685.79
RW-58	714.85	4/29/2021	29.50	36.43	6.93	683.50
RW-58	714.85	5/26/2021	30.26	33.28	3.02	683.78
RW-58	714.85	6/9/2021	30.83	32.43	1.60	683.59

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-58	714.85	7/1/2021	31.34	32.25	0.91	683.27
RW-58	714.85	7/14/2021	31.40	32.38	0.98	683.19
RW-58	714.85	7/28/2021	32.37	33.51	1.14	682.18
RW-58	714.85	8/26/2021	34.02	36.61	2.59	680.14
RW-58	714.85	9/16/2021	34.57	39.06	4.49	679.08
RW-58	714.85	9/23/2021	34.98	39.86	4.88	678.57
RW-58	714.85	10/27/2021	37.12	40.72	3.60	676.77
RW-59	714.75	3/15/2021	29.39	45.84	16.45	680.96
RW-59	714.75	3/22/2021	ARP	ARP	ARP	ARP
RW-59	714.75	4/1/2021	29.75	37.94	8.19	682.81
RW-59	714.75	4/29/2021	30.39	36.15	5.76	682.82
RW-59	714.75	5/26/2021	31.18	32.80	1.62	683.13
RW-59	714.75	6/9/2021	31.18	33.55	2.37	682.93
RW-59	714.75	7/1/2021	31.78	32.75	0.97	682.71
RW-59	714.75	7/14/2021	31.74	32.73	0.99	682.74
RW-59	714.75	7/28/2021	32.45	34.05	1.60	681.87
RW-59	714.75	8/26/2021	33.60	37.88	4.28	680.00
RW-59	714.75	9/16/2021	34.56	38.97	4.41	679.01
RW-59	714.75	9/23/2021	34.82	40.37	5.55	678.44
RW-59	714.75	10/27/2021	36.87	40.14	3.27	677.00
RW-60	714.09	3/15/2021	27.04	43.89	16.85	682.54
RW-60	714.09	3/22/2021	ARP	ARP	ARP	ARP
RW-60	714.09	4/1/2021	29.45	37.42	7.97	682.51
RW-60	714.09	4/29/2021	30.48	34.46	3.98	682.55
RW-60	714.09	5/26/2021	29.65	35.60	5.95	682.85
RW-60	714.09	6/9/2021	31.19	32.41	1.22	682.57
RW-60	714.09	7/1/2021	31.28	33.15	1.87	682.31
RW-60	714.09	7/14/2021	30.54	34.86	4.32	682.39
RW-60	714.09	7/28/2021	32.37	33.50	1.13	681.42
RW-60	714.09	8/26/2021	33.96	36.56	2.60	679.44
RW-60	714.09	9/16/2021	34.57	38.36	3.79	678.51
RW-60	714.09	9/23/2021	35.14	39.00	3.86	677.92
RW-60	714.09	10/27/2021	36.05	42.66	6.61	676.27
RW-61	713.59	4/1/2021	29.36	35.81	6.45	682.50
RW-61	713.59	4/29/2021	30.68	33.97	3.29	682.03
RW-61	713.59	5/26/2021	30.38	33.47	3.09	682.39
RW-61	713.59	6/9/2021	30.68	33.76	3.08	682.09
RW-61	713.59	7/1/2021	30.98	33.79	2.81	681.86
RW-61	713.59	7/14/2021	30.87	33.84	2.97	681.93
RW-61	713.59	7/28/2021	31.71	34.65	2.94	681.10
RW-61	713.59	8/26/2021	33.00	38.14	5.14	679.22
RW-61	713.59	9/16/2021	34.34	37.92	3.58	678.29

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-61	713.59	9/23/2021	35.30	37.79	2.49	677.63
RW-61	713.59	10/27/2021	37.16	38.18	1.02	676.16
RW-62	716.21	4/1/2021	30.95	38.66	7.71	683.20
RW-62	716.21	4/29/2021	32.20	36.18	3.98	682.94
RW-62	716.21	5/26/2021	31.94	36.23	4.29	683.12
RW-62	716.21	6/9/2021	32.33	35.78	3.45	682.96
RW-62	716.21	7/1/2021	32.80	35.69	2.89	682.64
RW-62	716.21	7/14/2021	32.65	35.50	2.85	682.80
RW-62	716.21	7/28/2021	33.33	36.47	3.14	682.04
RW-62	716.21	8/26/2021	35.09	38.14	3.05	680.30
RW-62	716.21	9/16/2021	35.88	39.98	4.10	679.23
RW-62	716.21	9/23/2021	36.30	40.94	4.64	678.67
RW-62	716.21	10/27/2021	37.72	41.90	4.18	677.37
RW-63	716.42	5/26/2021	30.22	34.10	3.88	685.16
RW-63	716.42	6/9/2021	30.78	33.41	2.63	684.94
RW-63	716.42	7/1/2021	30.96	34.97	4.01	684.39
RW-63	716.42	7/14/2021	31.67	33.71	2.04	684.20
RW-63	716.42	7/28/2021	32.21	35.72	3.51	683.27
RW-63	716.42	8/26/2021	33.11	40.00	6.89	681.47
RW-63	716.42	9/16/2021	34.47	40.68	6.21	680.29
RW-63	716.42	9/23/2021	34.97	41.22	6.25	679.78
RW-63	716.42	10/27/2021	36.81	42.20	5.39	678.17
RW-64	716.89	5/26/2021	26.70	30.65	3.95	689.13
RW-64	716.89	6/9/2021	27.04	30.46	3.42	688.94
RW-64	716.89	7/1/2021	27.54	30.37	2.83	688.59
RW-64	716.89	7/14/2021	27.78	30.41	2.63	688.41
RW-64	716.89	7/28/2021	28.39	30.46	2.07	687.95
RW-64	716.89	8/26/2021	30.52	32.52	2.00	685.84
RW-64	716.89	9/16/2021	Dry	Dry	Dry	Dry
RW-64	716.89	9/23/2021	ND	30.58	0.00	686.31
RW-64	716.89	10/27/2021	DRY	DRY	DRY	DRY
RW-65	718.07	5/26/2021	31.08	34.65	3.57	686.03
RW-65	718.07	6/9/2021	31.21	35.19	3.98	685.79
RW-65	718.07	7/1/2021	31.79	35.48	3.69	685.29
RW-65	718.07	7/14/2021	32.08	35.65	3.57	685.03
RW-65	718.07	7/28/2021	32.75	36.80	4.05	684.23
RW-65	718.07	8/26/2021	33.94	39.02	5.08	682.77
RW-65	718.07	9/16/2021	34.76	41.40	6.64	681.53
RW-65	718.07	9/23/2021	35.11	41.15	6.04	681.34
RW-65	718.07	10/27/2021	36.62	41.32	4.70	680.19
RW-66	718.01	5/26/2021	32.71	35.36	2.65	684.59
RW-66	718.01	6/9/2021	33.02	35.21	2.19	684.40

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-66	718.01	7/1/2021	33.66	35.07	1.41	683.97
RW-66	718.01	7/14/2021	33.58	35.00	1.42	684.05
RW-66	718.01	7/28/2021	34.22	35.19	0.97	683.53
RW-66	718.01	8/26/2021	35.31	37.08	1.77	682.23
RW-66	718.01	9/16/2021	36.64	39.21	2.57	680.68
RW-66	718.01	9/23/2021	36.47	39.43	2.96	680.75
RW-66	718.01	10/27/2021	37.56	40.69	3.13	679.61
RW-67	716.58	6/9/2021	31.49	32.62	1.13	684.79
RW-67	716.58	7/1/2021	31.74	32.84	1.10	684.54
RW-67	716.58	7/14/2021	31.46	33.51	2.05	684.57
RW-67	716.58	7/28/2021	32.58	33.24	0.66	683.82
RW-67	716.58	8/26/2021	34.19	35.24	1.05	682.11
RW-67	716.58	9/16/2021	34.94	36.88	1.94	681.12
RW-67	716.58	9/23/2021	35.33	37.62	2.29	680.63
RW-67	716.58	10/27/2021	36.35	39.11	2.76	679.49
RW-68	716.02	6/9/2021	30.20	33.46	3.26	684.95
RW-68	716.02	7/1/2021	30.60	34.10	3.50	684.48
RW-68	716.02	7/14/2021	30.55	35.15	4.60	684.24
RW-68	716.02	7/28/2021	31.04	36.71	5.67	683.46
RW-68	716.02	8/26/2021	31.41	41.56	10.15	681.89
RW-68	716.02	9/16/2021	32.94	42.02	9.08	680.65
RW-68	716.02	9/23/2021	33.57	42.54	8.97	680.05
RW-68	716.02	10/27/2021	36.53	41.36	4.83	678.20
RW-69	717.51	6/9/2021	30.98	32.39	1.41	686.15
RW-69	717.51	7/1/2021	30.65	35.53	4.88	685.55
RW-69	717.51	7/14/2021	31.29	34.95	3.66	685.24
RW-69	717.51	7/28/2021	32.16	35.67	3.51	684.41
RW-69	717.51	8/26/2021	33.96	36.09	2.13	682.98
RW-69	717.51	9/16/2021	35.21	35.84	0.63	682.13
RW-69	717.51	9/23/2021	35.78	35.83	0.05	681.72
RW-69	717.51	10/27/2021	DRY	DRY	DRY	DRY
RW-70	735.43	8/16/2021	42.31	47.40	5.09	691.75
RW-70	735.43	8/26/2021	42.46	47.43	4.97	691.64
RW-70	735.43	8/30/2021	43.08	47.04	3.96	691.29
RW-70	735.43	9/16/2021	44.54	46.42	1.88	690.38
RW-70	735.43	9/23/2021	44.79	46.40	1.61	690.21
RW-70	735.43	10/27/2021	45.20	46.83	1.63	689.79
RW-71	714.52	8/2/2021	33.65	36.48	2.83	680.11
RW-71	714.52	8/16/2021	32.93	33.93	1.00	681.32
RW-71	714.52	8/26/2021	34.61	37.48	2.87	679.14
RW-71	714.52	9/16/2021	35.96	37.68	1.72	678.10
RW-71	714.97	9/23/2021	36.72	37.94	1.22	677.92

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-71	714.97	10/27/2021	38.35	38.69	0.34	676.53
RW-72	711.57	8/2/2021	31.23	32.55	1.32	679.99
RW-72	711.57	8/16/2021	31.68	33.93	2.25	679.29
RW-72	711.57	8/26/2021	32.78	32.98	0.20	678.74
RW-72	711.57	9/16/2021	33.19	35.43	2.24	677.78
RW-72	711.93	9/23/2021	33.66	36.22	2.56	677.58
RW-72	711.93	10/27/2021	35.63	36.57	0.94	676.05
RW-73	709.82	8/2/2021	29.18	32.85	3.67	679.66
RW-73	709.82	8/26/2021	30.67	33.24	2.57	678.46
RW-73	709.82	9/16/2021	31.44	34.31	2.87	677.61
RW-73	710.22	9/23/2021	32.38	33.91	1.53	677.43
RW-73	710.22	10/27/2021	33.41	37.03	3.62	675.84
RW-74	707.44	8/26/2021	25.41	34.28	8.87	679.66
RW-74	707.44	9/16/2021	26.04	37.27	11.23	678.39
RW-74	707.80	9/23/2021	26.41	37.97	11.56	678.30
RW-74	707.80	10/27/2021	30.08	35.91	5.83	676.16
RW-75	708.82	8/16/2021	23.23	28.40	5.17	684.20
RW-75	708.82	8/26/2021	25.05	26.72	1.67	683.32
RW-75	708.82	9/16/2021	26.02	28.64	2.62	682.09
RW-75	708.82	9/23/2021	26.26	29.07	2.81	681.80
RW-75	708.82	10/27/2021	27.47	32.08	4.61	680.11
RW-76	710.89	8/16/2021	22.66	31.72	9.06	685.80
RW-76	710.89	8/26/2021	24.90	30.32	5.42	684.54
RW-76	710.89	9/16/2021	25.79	32.36	6.57	683.34
RW-76	710.89	9/23/2021	26.06	32.53	6.47	683.09
RW-76	710.89	10/27/2021	27.51	34.44	6.93	681.52
RW-77	739.77	8/16/2021	47.35	54.44	7.09	690.52
RW-77	739.77	8/26/2021	47.60	54.43	6.83	690.34
RW-77	739.77	8/30/2021	47.66	54.83	7.17	690.19
RW-77	739.77	9/16/2021	49.07	52.97	3.90	689.65
RW-77	739.77	9/23/2021	49.32	52.86	3.54	689.50
RW-77	739.77	10/27/2021	50.38	52.95	2.57	688.70
RW-78	739.00	8/16/2021	ND	49.38	0.00	689.62
RW-78	739.00	8/26/2021	ND	49.49	0.00	689.51
RW-78	739.00	8/30/2021	ND	50.09	0.00	688.91
RW-78	739.00	9/23/2021	ND	50.36	0.00	688.64
RW-78	739.00	10/6/2021	ND	50.58	0.00	688.42
RW-78	739.00	10/12/2021	ND	50.70	0.00	688.30
RW-78	739.00	10/18/2021	ND	50.81	0.00	688.19
RW-78	739.00	10/27/2021	50.87	50.90	0.03	688.12
RW-78	739.00	11/1/2021	51.12	51.17	0.05	687.87
RW-78	739.00	11/15/2021	51.74	51.84	0.10	687.23

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-79	727.67	8/26/2021	33.33	38.25	4.92	693.02
RW-79	727.67	8/30/2021	33.35	38.28	4.93	693.00
RW-79	727.67	9/16/2021	33.64	34.84	1.20	693.71
RW-79	727.67	9/23/2021	33.94	35.28	1.34	693.37
RW-79	727.67	10/27/2021	34.53	37.43	2.90	692.36
RW-80	730.09	8/30/2021	35.24	39.15	3.91	693.80
RW-80	730.09	9/16/2021	36.02	39.40	3.38	693.16
RW-80	730.09	9/23/2021	39.38	---	---	---
RW-80	730.09	10/27/2021	37.45	39.26	1.81	692.15
RW-81	728.83	8/30/2021	35.35	40.86	5.51	692.00
RW-81	728.83	9/16/2021	35.01	38.76	3.75	692.81
RW-81	728.83	9/23/2021	35.23	38.45	3.22	692.74
RW-81	728.83	10/27/2021	36.11	38.95	2.84	691.96
RW-82	726.16	9/23/2021	ND	37.84	0.00	688.32
RW-82	726.16	10/6/2021	ND	38.50	0.00	687.66
RW-82	726.16	10/12/2021	ND	38.69	0.00	687.47
RW-82	726.16	10/18/2021	ND	38.75	0.00	687.41
RW-82	726.16	10/27/2021	ND	38.47	0.00	687.69
RW-82	726.16	11/1/2021	ND	38.67	0.00	687.49
RW-82	726.16	11/15/2021	ND	39.81	0.00	686.35
RW-83	713.05	9/16/2021	ND	34.75	0.00	678.30
RW-83	713.05	9/23/2021	35.29	35.34	0.05	677.75
RW-83	713.05	10/6/2021	ARP	ARP	Dry	#VALUE!
RW-83	713.05	10/27/2021	ND	37.02	0.00	676.03
RW-84	NM	10/27/2021	32.32	44.02	11.70	--
RW-85	713.08	10/18/2021	29.83	40.68	10.85	680.34
RW-85	713.08	10/27/2021	29.78	37.38	7.60	681.26
RW-85	713.08	11/1/2021	30.09	37.62	7.53	680.97
RW-86	705.46	10/18/2021	26.60	30.29	3.69	677.88
RW-86	705.46	10/27/2021	25.00	33.54	8.54	678.18
RW-86	705.46	11/1/2021	25.29	33.91	8.62	677.87
RW-87	710.28	10/18/2021	30.20	46.71	16.51	675.66
RW-87	710.28	10/27/2021	29.46	42.98	13.52	677.20
RW-87	710.28	11/1/2021	30.25	43.21	12.96	676.56
RW-88	713.53	10/27/2021	31.77	37.10	5.33	680.34
RW-88	713.53	11/1/2021	32.29	37.06	4.77	679.97
RW-89	NM	10/27/2021	32.11	38.57	6.46	--
RW-89	NM	11/1/2021	32.16	39.39	7.23	--
RW-90	NM	10/27/2021	29.12	38.55	9.43	--
RW-90	NM	11/1/2021	29.36	38.82	9.46	--
RW-91	NM	10/27/2021	28.78	38.74	9.96	--
RW-91	NM	11/1/2021	28.94	39.11	10.17	--

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-92	NM	10/27/2021	ND	34.84	0.00	--
RW-92	NM	11/1/2021	34.52	37.48	2.96	--
Hydraulic Control Wells						
HCW-01	742.48	1/19/2021	ND	50.90	0.00	691.58
HCW-01	742.48	1/25/2021	ND	50.86	0.00	691.62
HCW-01	742.48	2/1/2021	50.14	52.59	2.45	691.69
HCW-01	742.48	2/8/2021	50.35	53.38	3.03	691.32
HCW-01	742.48	2/16/2021	50.02	53.08	3.06	691.64
HCW-01	742.48	2/22/2021	50.00	53.09	3.09	691.65
HCW-01	742.48	3/4/2021	49.90	53.14	3.24	691.71
HCW-01	742.48	3/8/2021	50.16	53.45	3.29	691.44
HCW-01	742.48	3/11/2021	50.10	53.34	3.24	691.51
HCW-01	742.48	3/15/2021	50.08	53.38	3.30	691.52
HCW-01	742.48	3/22/2021	50.09	53.19	3.10	691.56
HCW-01	742.48	4/1/2021	50.05	53.10	3.05	691.61
HCW-01	742.48	4/12/2021	ARP	ARP	ARP	ARP
HCW-01	742.48	4/19/2021	ARP	ARP	ARP	ARP
HCW-01	742.48	4/29/2021	50.81	51.58	0.77	691.46
HCW-01	742.48	5/3/2021	ARP	ARP	ARP	ARP
HCW-01	742.48	5/10/2021	ARP	ARP	ARP	ARP
HCW-01	742.48	5/26/2021	50.86	51.37	0.51	691.48
HCW-01	742.48	6/9/2021	50.90	51.66	0.76	691.38
HCW-01	742.48	7/1/2021	51.17	51.40	0.23	691.25
HCW-01	742.48	7/14/2021	51.32	51.44	0.12	691.13
HCW-01	742.48	7/28/2021	51.55	51.88	0.33	690.84
HCW-01	742.48	8/26/2021	52.10	52.50	0.40	690.27
HCW-01	742.48	9/16/2021	52.63	52.76	0.13	689.82
HCW-01	742.48	9/23/2021	52.75	52.82	0.07	689.71
HCW-01	742.48	10/12/2021	ARP	ARP	ARP	ARP
HCW-01	742.48	10/27/2021	53.42	53.68	0.26	688.99
HCW-02	744.96	1/19/2021	ND	53.12	0.00	691.84
HCW-02	744.96	1/25/2021	ND	53.12	0.00	691.84
HCW-02	744.96	2/1/2021	ND	53.03	0.00	691.93
HCW-02	744.96	2/8/2021	ND	53.39	0.00	691.57
HCW-02	744.96	2/16/2021	ND	53.09	0.00	691.87
HCW-02	744.96	2/22/2021	ND	53.11	0.00	691.85
HCW-02	744.96	3/4/2021	ND	53.10	0.00	691.86
HCW-02	744.96	3/8/2021	ND	53.15	0.00	691.81
HCW-02	744.96	3/15/2021	ND	53.26	0.00	691.70
HCW-02	744.96	3/22/2021	ND	53.15	0.00	691.81

Table 4
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-02	744.96	4/1/2021	ND	53.17	0.00	691.79
HCW-02	744.96	4/12/2021	ND	53.28	0.00	691.68
HCW-02	744.96	4/19/2021	ND	53.35	0.00	691.61
HCW-02	744.96	4/29/2021	ND	53.14	0.00	691.82
HCW-02	744.96	5/3/2021	ND	53.23	0.00	691.73
HCW-02	744.96	5/10/2021	ND	53.41	0.00	691.55
HCW-02	744.96	5/18/2021	ND	53.33	0.00	691.63
HCW-02	744.96	5/26/2021	ND	53.14	0.00	691.82
HCW-02	744.96	5/31/2021	ND	53.27	0.00	691.69
HCW-02	744.96	6/7/2021	ND	53.32	0.00	691.64
HCW-02	744.96	6/14/2021	ND	53.16	0.00	691.80
HCW-02	744.96	6/21/2021	ND	53.44	0.00	691.52
HCW-02	744.96	7/1/2021	ND	53.37	0.00	691.59
HCW-02	744.96	7/6/2021	ND	53.57	0.00	691.39
HCW-02	744.96	7/14/2021	ND	43.56	0.00	701.40
HCW-02	744.96	7/28/2021	ND	53.73	0.00	691.23
HCW-02	744.96	8/2/2021	ND	54.09	0.00	690.87
HCW-02	744.96	8/16/2021	ND	54.16	0.00	690.80
HCW-02	744.96	8/26/2021	ND	54.27	0.00	690.69
HCW-02	744.96	8/30/2021	ND	54.76	0.00	690.20
HCW-02	744.96	9/14/2021	ND	55.04	0.00	689.92
HCW-02	744.96	9/23/2021	ND	54.94	0.00	690.02
HCW-02	744.96	10/6/2021	ND	55.59	0.00	689.37
HCW-02	744.96	10/12/2021	ND	55.57	0.00	689.39
HCW-02	744.96	10/18/2021	ND	55.73	0.00	689.23
HCW-02	744.96	10/27/2021	ND	55.67	0.00	689.29
HCW-02	744.96	11/1/2021	ND	55.92	0.00	689.04
HCW-02	744.96	11/15/2021	ND	56.46	0.00	688.50
HCW-03	745.48	1/19/2021	ND	53.85	0.00	691.63
HCW-03	745.48	1/25/2021	ND	53.78	0.00	691.70
HCW-03	745.48	2/1/2021	ND	53.72	0.00	691.76
HCW-03	745.48	2/8/2021	ND	54.08	0.00	691.40
HCW-03	745.48	2/16/2021	ND	53.29	0.00	692.19
HCW-03	745.48	2/22/2021	ND	53.78	0.00	691.70
HCW-03	745.48	3/4/2021	ND	53.78	0.00	691.70
HCW-03	745.48	3/8/2021	ND	53.94	0.00	691.54
HCW-03	745.48	3/15/2021	53.89	53.92	0.03	691.58
HCW-03	745.48	3/22/2021	53.84	53.91	0.07	691.62
HCW-03	745.48	4/1/2021	53.78	53.86	0.08	691.68
HCW-03	745.48	4/12/2021	53.92	54.01	0.09	691.54

Table 4
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-03	745.48	4/19/2021	53.94	54.04	0.10	691.51
HCW-03	745.48	4/29/2021	53.75	53.79	0.04	691.72
HCW-03	745.48	5/3/2021	53.88	53.91	0.03	691.59
HCW-03	745.48	5/10/2021	54.00	54.02	0.02	691.47
HCW-03	745.48	5/18/2021	54.00	54.03	0.03	691.47
HCW-03	745.48	5/26/2021	ND	53.77	0.00	691.71
HCW-03	745.48	5/31/2021	ND	54.02	0.00	691.46
HCW-03	745.48	6/7/2021	54.08	54.11	0.03	691.39
HCW-03	745.48	6/14/2021	ND	53.79	0.00	691.69
HCW-03	745.48	6/21/2021	54.05	54.08	0.03	691.42
HCW-03	745.48	7/1/2021	54.08	54.12	0.04	691.39
HCW-03	745.48	7/6/2021	54.26	54.29	0.03	691.21
HCW-03	745.48	7/14/2021	54.21	54.29	0.08	691.25
HCW-03	745.48	7/28/2021	54.44	54.48	0.04	691.03
HCW-03	745.48	8/2/2021	54.81	54.84	0.03	690.66
HCW-03	745.48	8/16/2021	54.89	54.92	0.03	690.58
HCW-03	745.48	8/26/2021	ND	53.70	0.00	691.78
HCW-03	745.48	9/16/2021	ND	54.18	0.00	691.30
HCW-03	745.48	9/23/2021	ND	54.30	0.00	691.18
HCW-03	745.48	10/12/2021	ARP	ARP	ARP	ARP
HCW-03	745.48	10/27/2021	ND	55.01	0.00	690.47
HCW-04	746.00	1/19/2021	ND	54.43	0.00	691.57
HCW-04	746.00	1/25/2021	ND	54.39	0.00	691.61
HCW-04	746.00	2/1/2021	ND	54.29	0.00	691.71
HCW-04	746.00	2/8/2021	ND	54.64	0.00	691.36
HCW-04	746.00	2/16/2021	ND	54.34	0.00	691.66
HCW-04	746.00	2/22/2021	ND	54.34	0.00	691.66
HCW-04	746.00	3/4/2021	ND	54.33	0.00	691.67
HCW-04	746.00	3/8/2021	ND	52.43	0.00	693.57
HCW-04	746.00	3/15/2021	ND	54.56	0.00	691.44
HCW-04	746.00	3/22/2021	ND	54.43	0.00	691.57
HCW-04	746.00	4/1/2021	ND	54.43	0.00	691.57
HCW-04	746.00	4/12/2021	ND	54.51	0.00	691.49
HCW-04	746.00	4/19/2021	ND	54.61	0.00	691.39
HCW-04	746.00	4/29/2021	ND	54.42	0.00	691.58
HCW-04	746.00	5/3/2021	ND	54.51	0.00	691.49
HCW-04	746.00	5/10/2021	ND	54.60	0.00	691.40
HCW-04	746.00	5/18/2021	ND	54.60	0.00	691.40
HCW-04	746.00	5/26/2021	ND	54.43	0.00	691.57
HCW-04	746.00	5/31/2021	ND	54.63	0.00	691.37

Table 4
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-04	746.00	6/7/2021	ND	54.70	0.00	691.30
HCW-04	746.00	6/14/2021	ND	54.47	0.00	691.53
HCW-04	746.00	6/21/2021	ND	54.74	0.00	691.26
HCW-04	746.00	7/1/2021	ND	54.77	0.00	691.23
HCW-04	746.00	7/6/2021	ND	55.01	0.00	690.99
HCW-04	746.00	7/14/2021	ND	54.93	0.00	691.07
HCW-04	746.00	7/28/2021	ND	55.10	0.00	690.90
HCW-04	746.00	8/2/2021	ND	55.42	0.00	690.58
HCW-04	746.00	8/16/2021	ND	55.50	0.00	690.50
HCW-04	746.00	8/26/2021	ND	55.63	0.00	690.37
HCW-04	746.00	8/30/2021	ND	55.12	0.00	690.88
HCW-04	746.00	9/14/2021	ND	56.40	0.00	689.60
HCW-04	746.00	9/23/2021	ND	56.31	0.00	689.69
HCW-04	746.00	10/6/2021	ND	56.96	0.00	689.04
HCW-04	746.00	10/12/2021	ND	56.97	0.00	689.03
HCW-04	746.00	10/18/2021	ND	57.09	0.00	688.91
HCW-04	746.00	10/27/2021	ND	57.06	0.00	688.94
HCW-04	746.00	11/1/2021	ND	57.28	0.00	688.72
HCW-04	746.00	11/15/2021	ND	57.96	0.00	688.04
HCW-05	743.82	1/19/2021	ND	52.22	0.00	691.60
HCW-05	743.82	1/25/2021	ND	52.18	0.00	691.64
HCW-05	743.82	2/1/2021	ND	52.07	0.00	691.75
HCW-05	743.82	2/8/2021	ND	52.44	0.00	691.38
HCW-05	743.82	2/16/2021	ND	52.12	0.00	691.70
HCW-05	743.82	2/2/2021	ND	52.13	0.00	691.69
HCW-05	743.82	3/4/2021	ND	52.11	0.00	691.71
HCW-05	743.82	3/8/2021	ND	52.22	0.00	691.60
HCW-05	743.82	3/15/2021	ND	52.36	0.00	691.46
HCW-05	743.82	3/22/2021	ND	52.24	0.00	691.58
HCW-05	743.82	4/1/2021	ND	52.24	0.00	691.58
HCW-05	743.82	4/12/2021	ND	52.30	0.00	691.52
HCW-05	743.82	4/19/2021	ND	52.42	0.00	691.40
HCW-05	743.82	4/29/2021	ND	52.24	0.00	691.58
HCW-05	743.82	5/3/2021	ND	52.31	0.00	691.51
HCW-05	743.82	5/10/2021	ND	52.41	0.00	691.41
HCW-05	743.82	5/18/2021	ND	52.41	0.00	691.41
HCW-05	743.82	5/26/2021	ND	52.23	0.00	691.59
HCW-05	743.82	5/31/2021	ND	52.45	0.00	691.37
HCW-05	743.82	6/7/2021	ND	52.51	0.00	691.31
HCW-05	743.82	6/14/2021	ND	52.28	0.00	691.54

Table 4
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-05	743.82	6/21/2021	ND	57.60	0.00	686.22
HCW-05	743.82	7/1/2021	ND	52.57	0.00	691.25
HCW-05	743.82	7/6/2021	ND	52.88	0.00	690.94
HCW-05	743.82	7/14/2021	ND	52.76	0.00	691.06
HCW-05	743.82	7/28/2021	ND	52.44	0.00	691.38
HCW-05	743.82	8/2/2021	ND	53.29	0.00	690.53
HCW-05	743.82	8/16/2021	ND	53.74	0.00	690.08
HCW-05	743.82	8/26/2021	53.45	53.46	0.01	690.37
HCW-05	743.82	8/30/2021	53.93	53.93	0.00	689.89
HCW-05	743.82	9/14/2021	29.05	30.45	1.40	714.40
HCW-05	743.82	9/23/2021	ND	54.08	0.00	689.74
HCW-05	743.82	10/6/2021	ND	54.72	0.00	689.10
HCW-05	743.82	10/12/2021	ND	54.81	0.00	689.01
HCW-05	743.82	10/18/2021	ND	54.89	0.00	688.93
HCW-05	743.82	10/27/2021	ND	54.82	0.00	689.00
HCW-05	743.82	11/1/2021	ND	55.06	0.00	688.76
HCW-05	743.82	11/15/2021	ND	55.62	0.00	688.20
HCW-06	743.70	1/19/2021	ND	52.10	0.00	691.60
HCW-06	743.70	1/25/2021	51.34	52.15	0.81	692.14
HCW-06	743.70	2/1/2021	51.81	52.19	0.38	691.79
HCW-06	743.70	2/8/2021	51.94	53.38	1.44	691.37
HCW-06	743.70	2/16/2021	51.59	52.88	1.29	691.76
HCW-06	743.70	2/22/2021	51.58	52.79	1.21	691.80
HCW-06	743.70	3/4/2021	51.53	52.71	1.18	691.85
HCW-06	743.70	3/8/2021	51.84	53.22	1.38	691.49
HCW-06	743.70	3/15/2021	51.91	53.25	1.34	691.43
HCW-06	743.70	3/22/2021	51.80	53.03	1.23	691.57
HCW-06	743.70	4/1/2021	51.72	52.96	1.24	691.65
HCW-06	743.70	4/12/2021	51.87	53.14	1.27	691.49
HCW-06	743.70	4/19/2021	51.91	53.24	1.33	691.43
HCW-06	743.70	4/29/2021	51.73	52.90	1.17	691.66
HCW-06	743.70	5/3/2021	51.85	53.09	1.24	691.52
HCW-06	743.70	5/10/2021	51.91	53.22	1.31	691.44
HCW-06	743.70	5/18/2021	51.98	53.28	1.30	691.37
HCW-06	743.70	5/26/2021	52.26	54.69	2.43	690.79
HCW-06	743.70	6/9/2021	52.63	54.29	1.66	690.63
HCW-06	743.70	7/1/2021	53.04	54.02	0.98	690.40
HCW-06	743.70	7/14/2021	53.13	54.28	1.15	690.26
HCW-06	743.70	7/28/2021	53.59	53.87	0.28	690.04
HCW-06	743.70	8/26/2021	54.19	54.23	0.04	689.50

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-06	743.70	9/16/2021	ND	54.71	0.00	688.99
HCW-06	743.70	9/23/2021	ND	54.84	0.00	688.86
HCW-06	743.70	10/12/2021	ARP	ARP	ARP	ARP
HCW-06	743.70	10/27/2021	ND	55.57	0.00	688.13
HCW-07	742.86	1/19/2021	ND	51.23	0.00	691.63
HCW-07	742.86	1/25/2021	ND	51.13	0.00	691.73
HCW-07	742.86	2/1/2021	ND	51.00	0.00	691.86
HCW-07	742.86	2/8/2021	50.59	53.80	3.21	691.41
HCW-07	742.86	2/16/2021	49.92	53.99	4.07	691.85
HCW-07	742.86	2/22/2021	49.94	53.92	3.98	691.85
HCW-07	742.86	3/4/2021	49.86	53.84	3.98	691.93
HCW-07	742.86	3/8/2021	50.18	54.24	4.06	691.59
HCW-07	742.86	3/15/2021	50.32	54.43	4.11	691.44
HCW-07	742.86	3/22/2021	50.22	54.12	3.90	691.60
HCW-07	742.86	4/1/2021	50.19	53.82	3.63	691.70
HCW-07	742.86	4/12/2021	50.45	53.93	3.48	691.48
HCW-07	742.86	4/19/2021	50.55	53.76	3.21	691.45
HCW-07	742.86	4/29/2021	50.38	53.24	2.86	691.71
HCW-07	742.86	5/3/2021	50.54	53.37	2.83	691.56
HCW-07	742.86	5/10/2021	50.68	53.35	2.67	691.47
HCW-07	742.86	5/18/2021	50.79	53.32	2.53	691.39
HCW-07	742.86	5/26/2021	51.41	53.67	2.26	690.85
HCW-07	742.86	6/9/2021	51.91	52.98	1.07	690.66
HCW-07	742.86	7/1/2021	52.31	53.06	0.75	690.35
HCW-07	742.86	7/14/2021	52.43	53.14	0.71	690.24
HCW-07	742.86	7/28/2021	52.64	53.47	0.83	690.00
HCW-07	742.86	8/26/2021	53.15	54.15	1.00	689.44
HCW-07	742.86	9/16/2021	53.82	54.19	0.37	688.94
HCW-07	742.86	9/23/2021	53.95	54.30	0.35	688.82
HCW-07	742.86	10/12/2021	ARP	ARP	ARP	ARP
HCW-07	742.86	10/27/2021	54.51	55.60	1.09	688.06
HCW-08	742.96	1/19/2021	ND	51.42	0.00	691.54
HCW-08	742.96	1/25/2021	ND	51.20	0.00	691.76
HCW-08	742.96	2/1/2021	ND	51.07	0.00	691.89
HCW-08	742.96	2/8/2021	ND	51.54	0.00	691.42
HCW-08	742.96	2/16/2021	ND	51.16	0.00	691.80
HCW-08	742.96	2/22/2021	ND	51.16	0.00	691.80
HCW-08	742.96	3/4/2021	ND	51.12	0.00	691.84
HCW-08	742.96	3/8/2021	ND	51.28	0.00	691.68
HCW-08	742.96	3/15/2021	ND	51.63	0.00	691.33

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-08	742.96	3/22/2021	ND	51.40	0.00	691.56
HCW-08	742.96	4/1/2021	ND	51.33	0.00	691.63
HCW-08	742.96	4/12/2021	ND	51.55	0.00	691.41
HCW-08	742.96	4/19/2021	ND	51.67	0.00	691.29
HCW-08	742.96	4/29/2021	ND	51.34	0.00	691.62
HCW-08	742.96	5/3/2021	ND	51.48	0.00	691.48
HCW-08	742.96	5/10/2021	ND	51.54	0.00	691.42
HCW-08	742.96	5/18/2021	ND	51.61	0.00	691.35
HCW-08	742.96	5/26/2021	ND	51.38	0.00	691.58
HCW-08	742.96	6/7/2021	ND	51.85	0.00	691.11
HCW-08	742.96	6/14/2021	ND	51.47	0.00	691.49
HCW-08	742.96	6/21/2021	ND	52.03	0.00	690.93
HCW-08	742.96	7/1/2021	ND	51.83	0.00	691.13
HCW-08	742.96	7/6/2021	ND	52.37	0.00	690.59
HCW-08	742.96	7/14/2021	ND	52.01	0.00	690.95
HCW-08	742.96	7/28/2021	ND	52.19	0.00	690.77
HCW-08	742.96	8/2/2021	ND	52.72	0.00	690.24
HCW-08	742.96	8/16/2021	ND	52.76	0.00	690.20
HCW-08	742.96	8/26/2021	ND	52.70	0.00	690.26
HCW-08	742.96	8/30/2021	ND	53.23	0.00	689.73
HCW-08	742.96	9/14/2021	ND	53.61	0.00	689.35
HCW-08	742.96	9/23/2021	ND	53.91	0.00	689.05
HCW-08	742.96	10/6/2021	ND	54.38	0.00	688.58
HCW-08	742.96	10/12/2021	ND	54.25	0.00	688.71
HCW-08	742.96	10/18/2021	ND	54.45	0.00	688.51
HCW-08	742.96	10/27/2021	ND	54.18	0.00	688.78
HCW-08	742.96	11/1/2021	54.63	54.69	0.06	688.31
HCW-09	744.49	1/19/2021	ND	52.70	0.00	691.79
HCW-09	744.49	1/25/2021	ND	52.50	0.00	691.99
HCW-09	744.49	2/1/2021	ND	52.36	0.00	692.13
HCW-09	744.49	2/8/2021	ND	53.03	0.00	691.46
HCW-09	744.49	2/16/2021	ND	52.66	0.00	691.83
HCW-09	744.49	2/22/2021	ND	52.65	0.00	691.84
HCW-09	744.49	3/4/2021	ND	52.57	0.00	691.92
HCW-09	744.49	3/8/2021	ND	52.82	0.00	691.67
HCW-09	744.49	3/15/2021	ND	53.20	0.00	691.29
HCW-09	744.49	3/22/2021	ND	53.02	0.00	691.47
HCW-09	744.49	4/1/2021	ND	52.89	0.00	691.60
HCW-09	744.49	4/12/2021	ND	53.21	0.00	691.28
HCW-09	744.49	4/19/2021	ND	53.32	0.00	691.17

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-09	744.49	4/29/2021	ND	52.91	0.00	691.58
HCW-09	744.49	5/3/2021	ND	52.89	0.00	691.60
HCW-09	744.49	5/10/2021	ND	52.97	0.00	691.52
HCW-09	744.49	5/18/2021	ND	53.14	0.00	691.35
HCW-09	744.49	5/26/2021	ND	52.89	0.00	691.60
HCW-09	744.49	6/7/2021	ND	53.60	0.00	690.89
HCW-09	744.49	6/14/2021	ND	53.00	0.00	691.49
HCW-09	744.49	6/21/2021	ND	53.79	0.00	690.70
HCW-09	744.49	7/1/2021	ND	53.53	0.00	690.96
HCW-09	744.49	7/6/2021	ND	54.23	0.00	690.26
HCW-09	744.49	7/14/2021	ND	53.69	0.00	690.80
HCW-09	744.49	7/28/2021	ND	53.98	0.00	690.51
HCW-09	744.49	8/2/2021	ND	54.60	0.00	689.89
HCW-09	744.49	8/16/2021	ND	54.61	0.00	689.88
HCW-09	744.49	8/26/2021	ND	54.36	0.00	690.13
HCW-09	744.49	8/30/2021	ND	55.15	0.00	689.34
HCW-09	744.49	9/14/2021	ND	55.56	0.00	688.93
HCW-09	744.49	9/23/2021	ND	55.14	0.00	689.35
HCW-09	744.49	10/6/2021	ND	56.46	0.00	688.03
HCW-09	744.49	10/12/2021	ND	56.32	0.00	688.17
HCW-09	744.49	10/18/2021	ND	56.53	0.00	687.96
HCW-09	744.49	10/27/2021	ND	55.98	0.00	688.51
HCW-09	744.49	11/1/2021	ND	56.65	0.00	687.84
HCW-09	744.49	11/15/2021	ND	57.84	0.00	686.65
HCW-10	743.90	1/19/2021	50.52	50.62	0.10	693.36
HCW-10	743.90	1/25/2021	50.98	52.25	1.27	692.58
HCW-10	743.90	2/1/2021	50.39	50.40	0.01	693.51
HCW-10	743.90	2/8/2021	52.04	52.91	0.87	691.63
HCW-10	743.90	2/16/2021	51.79	53.03	1.24	691.78
HCW-10	743.90	2/22/2021	51.73	53.04	1.31	691.82
HCW-10	743.90	3/4/2021	51.14	52.68	1.54	692.35
HCW-10	743.90	3/8/2021	52.14	54.00	1.86	691.26
HCW-10	743.90	3/15/2021	52.46	54.48	2.02	690.90
HCW-10	743.90	3/22/2021	52.64	54.59	1.95	690.74
HCW-10	743.90	4/1/2021	51.84	53.73	1.89	691.55
HCW-10	743.90	4/12/2021	52.89	54.90	2.01	690.47
HCW-10	743.90	4/19/2021	52.74	54.92	2.18	690.58
HCW-10	743.90	4/29/2021	51.84	53.79	1.95	691.54
HCW-10	743.90	5/3/2021	51.12	53.13	2.01	692.24
HCW-10	743.90	5/10/2021	51.30	53.49	2.19	692.01

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-10	743.90	5/18/2021	52.16	54.43	2.27	691.13
HCW-10	743.90	5/26/2021	50.44	51.20	0.76	693.26
HCW-10	743.90	6/9/2021	50.88	52.00	1.12	692.72
HCW-10	743.90	7/1/2021	51.74	53.51	1.77	691.69
HCW-10	743.90	7/14/2021	51.98	53.17	1.19	691.60
HCW-10	743.90	7/28/2021	52.20	53.48	1.28	691.36
HCW-10	743.90	8/26/2021	52.81	54.08	1.27	690.75
HCW-10	743.90	9/16/2021	53.64	55.25	1.61	689.83
HCW-10	743.90	9/23/2021	53.79	55.52	1.73	689.65
HCW-10	743.90	10/12/2021	ARP	ARP	ARP	ARP
HCW-10	743.90	10/27/2021	55.42	55.94	0.52	688.34
HCW-11	741.26	1/19/2021	ND	49.32	0.00	691.94
HCW-11	741.26	1/25/2021	ND	48.45	0.00	692.81
HCW-11	741.26	2/1/2021	ND	48.30	0.00	692.96
HCW-11	741.26	2/8/2021	ND	49.65	0.00	691.61
HCW-11	741.26	2/16/2021	ND	49.43	0.00	691.83
HCW-11	741.26	2/22/2021	ND	49.42	0.00	691.84
HCW-11	741.26	3/4/2021	ND	48.65	0.00	692.61
HCW-11	741.26	3/8/2021	ND	49.92	0.00	691.34
HCW-11	741.26	3/15/2021	ND	14.51	0.00	726.75
HCW-11	741.26	3/22/2021	ND	50.73	0.00	690.53
HCW-11	741.26	4/1/2021	ND	49.49	0.00	691.77
HCW-11	741.26	4/12/2021	ND	50.96	0.00	690.30
HCW-11	741.26	4/19/2021	ND	50.72	0.00	690.54
HCW-11	741.26	4/29/2021	ND	49.29	0.00	691.97
HCW-11	741.26	5/3/2021	ND	48.56	0.00	692.70
HCW-11	741.26	5/10/2021	ND	48.96	0.00	692.30
HCW-11	741.26	5/18/2021	ND	50.18	0.00	691.08
HCW-11	741.26	5/26/2021	ND	49.04	0.00	692.22
HCW-11	741.26	5/31/2021	ND	50.49	0.00	690.77
HCW-11	741.26	6/7/2021	ND	51.12	0.00	690.14
HCW-11	741.26	6/14/2021	ND	49.29	0.00	691.97
HCW-11	741.26	6/21/2021	ND	50.16	0.00	691.10
HCW-11	741.26	7/1/2021	ND	50.28	0.00	690.98
HCW-11	741.26	7/6/2021	ND	53.26	0.00	688.00
HCW-11	741.26	7/14/2021	ND	50.64	0.00	690.62
HCW-11	741.26	7/28/2021	ND	50.84	0.00	690.42
HCW-11	741.26	8/2/2021	ND	53.29	0.00	687.97
HCW-11	741.26	8/16/2021	ND	53.40	0.00	687.86
HCW-11	741.26	8/26/2021	ND	51.39	0.00	689.87

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-11	741.26	8/30/2021	ND	54.04	0.00	687.22
HCW-11	741.26	9/14/2021	ND	54.82	0.00	686.44
HCW-11	741.26	9/23/2021	ND	52.42	0.00	688.84
HCW-11	741.26	10/6/2021	ND	55.41	0.00	685.85
HCW-11	741.26	10/12/2021	ND	55.24	0.00	686.02
HCW-11	741.26	10/18/2021	ND	55.44	0.00	685.82
HCW-11	741.26	10/27/2021	ND	53.55	0.00	687.71
HCW-11	741.26	11/1/2021	ND	54.73	0.00	686.53
HCW-11	741.26	11/15/2021	ND	56.98	0.00	684.28
HCW-12	740.75	1/19/2021	ND	23.93	0.00	716.82
HCW-12	740.75	1/25/2021	ND	43.24	0.00	697.51
HCW-12	740.75	2/1/2021	Dry	Dry	Dry	Dry
HCW-12	740.75	2/8/2021	Dry	Dry	Dry	Dry
HCW-12	740.75	2/16/2021	ND	47.86	0.00	692.89
HCW-12	740.75	2/22/2021	ND	48.06	0.00	692.69
HCW-12	740.75	3/4/2021	ND	48.04	0.00	692.71
HCW-12	740.75	3/8/2021	ND	48.28	0.00	692.47
HCW-12	740.75	3/15/2021	ND	48.44	0.00	692.31
HCW-12	740.75	3/22/2021	ND	48.71	0.00	692.04
HCW-12	740.75	4/1/2021	ND	48.87	0.00	691.88
HCW-12	740.75	4/12/2021	49.03	49.04	0.01	691.72
HCW-12	740.75	4/19/2021	ND	49.94	0.00	690.81
HCW-12	740.75	4/29/2021	48.67	48.68	0.01	692.08
HCW-12	740.75	5/3/2021	ND	47.94	0.00	692.81
HCW-12	740.75	5/10/2021	ND	47.58	0.00	693.17
HCW-12	740.75	5/18/2021	ND	47.68	0.00	693.07
HCW-12	740.75	5/26/2021	ND	47.69	0.00	693.06
HCW-12	740.75	5/31/2021	ND	48.02	0.00	692.73
HCW-12	740.75	6/7/2021	ND	48.35	0.00	692.40
HCW-12	740.75	6/14/2021	ND	47.94	0.00	692.81
HCW-12	740.75	6/21/2021	ND	48.16	0.00	692.59
HCW-12	740.75	7/1/2021	ND	48.79	0.00	691.96
HCW-12	740.75	7/6/2021	ND	49.34	0.00	691.41
HCW-12	740.75	7/14/2021	ND	49.26	0.00	691.49
HCW-12	740.75	7/28/2021	ND	49.48	0.00	691.27
HCW-12	740.75	8/2/2021	ND	50.00	0.00	690.75
HCW-12	740.75	8/16/2021	Dry	Dry	Dry	Dry
HCW-12	740.75	8/26/2021	ND	50.13	0.00	690.62
HCW-12	740.75	8/30/2021	Dry	Dry	Dry	Dry
HCW-12	740.75	9/14/2021	ND	51.24	0.00	689.51

Table 4
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-12	740.75	9/23/2021	ND	51.05	0.00	689.70
HCW-12	740.75	10/6/2021	Dry	Dry	Dry	Dry
HCW-12	740.75	10/12/2021	ND	52.00	0.00	688.75
HCW-12	740.75	10/18/2021	Dry	Dry	Dry	Dry
HCW-12	740.75	10/27/2021	ND	51.94	0.00	688.81
HCW-12	740.75	11/1/2021	Dry	Dry	Dry	Dry
HCW-12	740.75	11/15/2021	Dry	Dry	Dry	Dry
HCW-13	741.53	1/25/2021	ND	46.81	0.00	694.72
HCW-13	741.53	2/1/2021	46.33	48.32	1.99	694.67
HCW-13	741.53	2/8/2021	ARP	ARP	ARP	ARP
HCW-13	741.53	2/16/2021	44.21	51.43	7.22	695.39
HCW-13	741.53	2/22/2021	44.31	51.43	7.12	695.31
HCW-13	741.53	3/4/2021	44.51	51.52	7.01	695.14
HCW-13	741.53	3/8/2021	44.74	51.56	6.82	694.96
HCW-13	741.53	3/15/2021	44.98	51.48	6.50	694.81
HCW-13	741.53	3/22/2021	45.31	51.43	6.12	694.58
HCW-13	740.79	4/1/2021	ND	44.73	0.00	696.06
HCW-13	740.79	4/12/2021	ARP	ARP	ARP	ARP
HCW-13	740.79	4/19/2021	ARP	ARP	ARP	ARP
HCW-13	740.79	4/29/2021	43.34	50.31	6.97	695.58
HCW-13	740.79	5/3/2021	ARP	ARP	ARP	ARP
HCW-13	740.79	5/10/2021	ARP	ARP	ARP	ARP
HCW-13	740.79	5/26/2021	45.86	49.20	3.34	694.04
HCW-13	740.79	6/9/2021	46.34	48.98	2.64	693.74
HCW-13	740.79	7/1/2021	47.16	48.96	1.80	693.15
HCW-13	740.79	7/14/2021	47.49	49.29	1.80	692.82
HCW-13	740.79	7/28/2021	48.03	50.18	2.15	692.18
HCW-13	740.79	8/26/2021	48.90	50.41	1.51	691.49
HCW-13	740.79	9/16/2021	49.34	50.75	1.41	691.07
HCW-13	740.79	9/23/2021	49.39	50.31	0.92	691.15
HCW-13	740.79	10/12/2021	ARP	ARP	ARP	ARP
HCW-13	740.79	10/27/2021	50.01	50.75	0.74	690.58
HCW-14	738.67	1/25/2021	ND	43.07	0.00	695.60
HCW-14	738.67	2/1/2021	ND	43.83	0.00	694.84
HCW-14	738.67	2/8/2021	44.25	44.44	0.19	694.37
HCW-14	738.67	2/16/2021	41.56	46.24	4.68	695.86
HCW-14	738.67	2/22/2021	41.29	NW	>8.71	N/A
HCW-14	738.67	3/4/2021	41.35	50.00	8.65	695.01
HCW-14	738.67	3/8/2021	41.68	NW	>8.32	N/A
HCW-14	738.67	3/15/2021	41.89	NW	>8.11	N/A

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-14	738.67	3/22/2021	42.22	NW	>7.78	N/A
HCW-14	739.18	4/1/2021	ND	43.11	0.00	696.07
HCW-14	739.18	4/12/2021	ARP	ARP	ARP	ARP
HCW-14	739.18	4/19/2021	ARP	ARP	ARP	ARP
HCW-14	739.18	4/29/2021	43.71	46.93	3.22	694.61
HCW-14	739.18	5/3/2021	ARP	ARP	ARP	ARP
HCW-14	739.18	5/10/2021	ARP	ARP	ARP	ARP
HCW-14	739.18	5/26/2021	44.31	45.06	0.75	694.67
HCW-14	739.18	6/9/2021	44.58	45.38	0.80	694.39
HCW-14	739.18	7/1/2021	45.06	45.88	0.82	693.90
HCW-14	739.18	7/14/2021	45.50	46.21	0.71	693.49
HCW-14	739.18	7/28/2021	45.81	46.86	1.05	693.09
HCW-14	739.18	8/26/2021	46.60	47.52	0.92	692.33
HCW-14	739.18	9/16/2021	47.13	48.00	0.87	691.82
HCW-14	739.18	9/23/2021	47.28	48.00	0.72	691.71
HCW-14	739.18	10/12/2021	ARP	ARP	ARP	ARP
HCW-14	739.18	10/27/2021	47.75	48.05	0.30	691.35
HCW-15	736.71	1/25/2021	ND	40.88	0.00	695.83
HCW-15	736.71	2/1/2021	ND	41.62	0.00	695.09
HCW-15	736.71	2/8/2021	42.15	42.25	0.10	694.53
HCW-15	736.71	2/16/2021	39.13	51.43	12.30	694.28
HCW-15	736.71	2/22/2021	39.27	46.04	6.77	695.62
HCW-15	736.71	3/4/2021	39.21	46.10	6.89	695.65
HCW-15	736.71	3/8/2021	39.65	46.22	6.57	695.30
HCW-15	736.71	3/15/2021	39.95	46.11	6.16	695.11
HCW-15	736.71	3/22/2021	40.24	46.03	5.79	694.92
HCW-15	737.19	4/1/2021	ND	41.07	0.00	696.12
HCW-15	737.19	4/12/2021	ARP	ARP	ARP	ARP
HCW-15	737.19	4/19/2021	ARP	ARP	ARP	ARP
HCW-15	737.19	4/29/2021	41.72	44.58	2.86	694.70
HCW-15	737.19	5/3/2021	ARP	ARP	ARP	ARP
HCW-15	737.19	5/10/2021	ARP	ARP	ARP	ARP
HCW-15	737.19	5/26/2021	42.04	43.82	1.78	694.67
HCW-15	737.19	6/9/2021	42.49	43.83	1.34	694.34
HCW-15	737.19	7/1/2021	43.09	43.95	0.86	693.87
HCW-15	737.19	7/14/2021	43.46	44.48	1.02	693.46
HCW-15	737.19	7/28/2021	43.85	45.06	1.21	693.02
HCW-15	737.19	8/26/2021	44.41	45.70	1.29	692.43
HCW-15	737.19	9/16/2021	45.37	46.10	0.73	691.62
HCW-15	737.19	9/23/2021	45.24	46.24	1.00	691.68
HCW-15	737.19	10/12/2021	ARP	ARP	ARP	ARP

Table 4
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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-15	737.19	10/27/2021	45.17	45.89	0.72	691.83
HCW-16	736.35	1/25/2021	39.28	39.77	0.49	696.94
HCW-16	736.35	2/1/2021	39.38	40.96	1.58	696.55
HCW-16	736.35	2/8/2021	38.85	41.05	2.20	696.91
HCW-16	736.35	2/16/2021	38.69	41.09	2.40	697.02
HCW-16	736.35	2/22/2021	38.79	41.28	2.49	696.90
HCW-16	736.35	3/4/2021	38.80	41.70	2.90	696.78
HCW-16	736.35	3/8/2021	39.09	41.84	2.75	696.53
HCW-16	736.35	3/15/2021	39.33	41.87	2.54	696.34
HCW-16	736.35	3/22/2021	39.69	41.83	2.14	696.09
HCW-16	736.35	4/1/2021	40.08	41.72	1.64	695.83
HCW-16	736.35	4/12/2021	40.34	40.35	0.01	696.01
HCW-16	736.35	4/19/2021	40.22	40.70	0.48	696.00
HCW-16	736.35	4/29/2021	40.24	40.91	0.67	695.93
HCW-16	736.35	5/3/2021	40.27	40.86	0.59	695.92
HCW-16	736.35	5/10/2021	40.35	41.10	0.75	695.80
HCW-16	736.35	5/18/2021	40.36	41.18	0.82	695.77
HCW-16	736.35	5/26/2021	40.30	41.23	0.93	695.80
HCW-16	736.35	5/31/2021	ARP	ARP	ARP	ARP
HCW-16	736.35	6/9/2021	39.96	40.96	1.00	696.12
HCW-16	736.35	7/1/2021	40.42	41.14	0.72	695.74
HCW-16	736.35	7/14/2021	40.40	41.22	0.82	695.73
HCW-16	736.35	7/28/2021	40.71	41.38	0.67	695.46
HCW-16	736.35	8/26/2021	40.72	41.44	0.72	695.44
HCW-16	736.35	9/16/2021	40.72	41.60	0.88	695.40
HCW-16	736.35	9/23/2021	40.43	41.34	0.91	695.68
HCW-16	736.35	10/12/2021	ARP	ARP	ARP	ARP
HCW-16	736.35	10/27/2021	40.48	41.35	0.87	695.64
HCW-17	733.19	1/25/2021	ND	34.90	0.00	698.29
HCW-17	733.19	2/1/2021	ND	36.49	0.00	696.70
HCW-17	733.19	2/8/2021	ND	36.49	0.00	696.70
HCW-17	733.19	2/16/2021	ND	36.48	0.00	696.71
HCW-17	733.19	2/22/2021	ND	35.76	0.00	697.43
HCW-17	733.19	3/4/2021	ND	35.78	0.00	697.41
HCW-17	733.19	3/8/2021	ND	35.88	0.00	697.31
HCW-17	733.19	3/15/2021	ND	35.80	0.00	697.39
HCW-17	733.19	3/22/2021	ND	35.74	0.00	697.45
HCW-17	733.19	4/1/2021	ND	35.78	0.00	697.41
HCW-17	733.19	4/12/2021	ND	35.80	0.00	697.39
HCW-17	733.19	4/19/2021	ND	35.75	0.00	697.44
HCW-17	733.19	4/29/2021	ND	35.75	0.00	697.44
HCW-17	733.19	5/3/2021	ND	35.70	0.00	697.49

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-17	733.19	5/10/2021	ND	35.76	0.00	697.43
HCW-17	733.19	5/18/2021	ND	35.78	0.00	697.41
HCW-17	733.19	5/26/2021	ND	35.74	0.00	697.45
HCW-17	733.19	5/31/2021	ND	35.73	0.00	697.46
HCW-17	733.19	6/7/2021	ND	35.78	0.00	697.41
HCW-17	733.19	6/14/2021	ND	35.76	0.00	697.43
HCW-17	733.19	6/21/2021	ND	35.70	0.00	697.49
HCW-17	733.19	7/1/2021	ND	35.70	0.00	697.49
HCW-17	733.19	7/6/2021	ND	35.72	0.00	697.47
HCW-17	733.19	7/14/2021	ND	35.72	0.00	697.47
HCW-17	733.19	7/28/2021	ND	35.70	0.00	697.49
HCW-17	733.19	8/2/2021	ND	35.72	0.00	697.47
HCW-17	733.19	8/16/2021	ND	35.62	0.00	697.57
HCW-17	733.19	8/26/2021	ND	35.67	0.00	697.52
HCW-17	733.19	8/30/2021	ND	35.68	0.00	697.51
HCW-17	733.19	9/14/2021	ND	35.79	0.00	697.40
HCW-17	733.19	9/23/2021	ND	35.76	0.00	697.43
HCW-17	733.19	10/6/2021	ND	35.76	0.00	697.43
HCW-17	733.19	10/12/2021	ND	35.77	0.00	697.42
HCW-17	733.19	10/18/2021	ND	35.72	0.00	697.47
HCW-17	733.19	10/27/2021	ND	35.84	0.00	697.35
HCW-17	733.19	11/1/2021	ND	35.79	0.00	697.40
HCW-17	733.19	11/15/2021	ND	35.88	0.00	697.31
HCW-18	731.12	1/25/2021	ND	34.58	0.00	696.54
HCW-18	731.12	2/1/2021	ND	31.97	0.00	699.15
HCW-18	731.12	2/8/2021	ND	31.98	0.00	699.14
HCW-18	731.12	2/16/2021	ND	31.99	0.00	699.13
HCW-18	731.12	2/22/2021	ND	32.05	0.00	699.07
HCW-18	731.12	3/4/2021	ND	32.02	0.00	699.10
HCW-18	731.12	3/8/2021	31.99	32.00	0.01	699.13
HCW-18	731.12	3/15/2021	31.96	31.99	0.03	699.15
HCW-18	731.12	3/22/2021	ND	31.93	0.00	699.19
HCW-18	731.12	4/1/2021	ND	32.01	0.00	699.11
HCW-18	731.12	4/12/2021	31.86	32.00	0.14	699.22
HCW-18	731.12	4/19/2021	ND	31.87	0.00	699.25
HCW-18	731.12	4/29/2021	Dry	Dry	Dry	Dry
HCW-18	731.12	5/3/2021	Dry	Dry	Dry	Dry
HCW-18	731.12	5/10/2021	Dry	Dry	Dry	Dry
HCW-18	731.12	5/18/2021	32.04	32.05	0.01	699.08
HCW-18	731.12	5/26/2021	31.97	31.98	0.01	699.15
HCW-18	731.12	5/31/2021	ND	32.02	0.00	699.10

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-18	731.12	6/7/2021	ND	32.04	0.00	699.08
HCW-18	731.12	6/14/2021	ND	32.06	0.00	699.06
HCW-18	731.12	6/21/2021	ND	32.03	0.00	699.09
HCW-18	731.12	7/1/2021	ND	32.03	0.00	699.09
HCW-18	731.12	7/6/2021	ND	32.04	0.00	699.08
HCW-18	731.12	7/14/2021	ND	31.96	0.00	699.16
HCW-18	731.12	7/28/2021	ND	32.01	0.00	699.11
HCW-18	731.12	8/2/2021	ND	32.04	0.00	699.08
HCW-18	731.12	8/16/2021	ND	31.93	0.00	699.19
HCW-18	731.12	8/26/2021	Dry	Dry	Dry	Dry
HCW-18	731.12	8/30/2021	ND	31.97	0.00	699.15
HCW-18	731.12	9/14/2021	ND	32.00	0.00	699.12
HCW-18	731.12	9/23/2021	ND	32.04	0.00	699.08
HCW-18	731.12	10/6/2021	ND	31.99	0.00	699.13
HCW-18	731.12	10/12/2021	ND	32.03	0.00	699.09
HCW-18	731.12	10/18/2021	ND	31.97	0.00	699.15
HCW-18	731.12	10/27/2021	ND	32.00	0.00	699.12
HCW-18	731.12	11/1/2021	ND	31.97	0.00	699.15
HCW-18	731.12	11/15/2021	ND	32.09	0.00	699.03
HCW-19	732.00	1/25/2021	ND	34.10	0.00	697.90
HCW-19	732.00	2/1/2021	ND	34.22	0.00	697.78
HCW-19	732.00	2/8/2021	34.60	34.61	0.01	697.40
HCW-19	732.00	2/16/2021	34.43	34.44	0.01	697.57
HCW-19	732.00	2/22/2021	34.11	34.12	0.01	697.89
HCW-19	732.00	3/4/2021	NM	NM	NM	NM
HCW-19	732.00	3/8/2021	31.08	31.11	0.03	700.91
HCW-19	732.00	3/15/2021	34.20	34.22	0.02	697.79
HCW-19	732.00	3/22/2021	34.35	34.36	0.01	697.65
HCW-19	732.00	4/1/2021	34.13	34.16	0.03	697.86
HCW-19	732.00	4/12/2021	34.71	34.72	0.01	697.29
HCW-19	732.00	4/19/2021	33.84	33.86	0.02	698.15
HCW-19	732.00	4/29/2021	34.15	34.17	0.02	697.84
HCW-19	732.00	5/3/2021	34.27	34.29	0.02	697.72
HCW-19	732.00	5/18/2021	34.99	35.01	0.02	697.00
HCW-19	732.00	5/10/2021	34.59	34.60	0.01	697.41
HCW-19	732.00	5/26/2021	35.08	35.10	0.02	696.91
HCW-19	732.00	5/31/2021	35.35	35.37	0.02	696.64
HCW-19	732.00	6/7/2021	35.59	35.61	0.02	696.40
HCW-19	732.00	6/14/2021	35.68	35.70	0.02	696.31
HCW-19	732.00	6/21/2021	35.91	35.94	0.03	696.08
HCW-19	732.00	7/1/2021	36.04	36.11	0.07	695.94
HCW-19	732.00	7/6/2021	36.30	36.36	0.06	695.68

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-19	732.00	7/14/2021	36.43	36.50	0.07	695.55
HCW-19	732.00	7/28/2021	36.74	36.78	0.04	695.25
HCW-19	732.00	8/2/2021	37.02	37.08	0.06	694.96
HCW-19	732.00	8/16/2021	ND	37.18	0.00	694.82
HCW-19	732.00	8/26/2021	37.27	37.33	0.06	694.71
HCW-19	732.00	8/30/2021	37.45	37.51	0.06	694.53
HCW-19	732.00	9/14/2021	36.77	36.83	0.06	695.21
HCW-19	732.00	9/16/2021	36.72	36.77	0.05	695.26
HCW-19	732.00	9/23/2021	36.72	37.52	0.80	695.06
HCW-19	732.00	10/12/2021	ARP	ARP	ARP	ARP
HCW-19	732.00	10/27/2021	37.57	38.73	1.16	694.12
HCW-20	731.69	1/25/2021	ND	34.34	0.00	697.35
HCW-20	731.69	2/1/2021	ND	34.33	0.00	697.36
HCW-20	731.69	2/8/2021	ND	34.82	0.00	696.87
HCW-20	731.69	2/16/2021	ND	34.59	0.00	697.10
HCW-20	731.69	2/22/2021	ND	34.44	0.00	697.25
HCW-20	731.69	3/4/2021	ND	34.09	0.00	697.60
HCW-20	731.69	3/8/2021	ND	34.37	0.00	697.32
HCW-20	731.69	3/15/2021	ND	34.35	0.00	697.34
HCW-20	731.69	3/22/2021	ND	34.46	0.00	697.23
HCW-20	731.69	4/1/2021	ND	34.37	0.00	697.32
HCW-20	731.69	4/12/2021	ND	33.98	0.00	697.71
HCW-20	731.69	4/19/2021	ND	34.09	0.00	697.60
HCW-20	731.69	4/29/2021	ND	34.26	0.00	697.43
HCW-20	731.69	5/3/2021	ND	34.30	0.00	697.39
HCW-20	731.69	5/10/2021	ND	34.61	0.00	697.08
HCW-20	731.69	5/18/2021	ND	34.97	0.00	696.72
HCW-20	731.69	5/26/2021	ND	35.02	0.00	696.67
HCW-20	731.69	5/31/2021	ND	35.33	0.00	696.36
HCW-20	731.69	6/7/2021	ND	35.54	0.00	696.15
HCW-20	731.69	6/14/2021	ND	35.68	0.00	696.01
HCW-20	731.69	6/21/2021	ND	35.87	0.00	695.82
HCW-20	731.69	7/1/2021	ND	35.93	0.00	695.76
HCW-20	731.69	7/6/2021	ND	36.32	0.00	695.37
HCW-20	731.69	7/14/2021	ND	36.36	0.00	695.33
HCW-20	731.69	7/28/2021	ND	36.62	0.00	695.07
HCW-20	731.69	8/2/2021	ND	36.97	0.00	694.72
HCW-20	731.69	8/16/2021	ND	37.13	0.00	694.56
HCW-20	731.69	8/26/2021	ND	37.16	0.00	694.53
HCW-20	731.69	8/30/2021	ND	37.41	0.00	694.28
HCW-20	731.69	9/14/2021	ND	37.82	0.00	693.87
HCW-20	731.69	9/23/2021	ND	37.86	0.00	693.83

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-20	731.69	10/6/2021	ND	38.49	0.00	693.20
HCW-20	731.69	10/12/2021	ND	38.52	0.00	693.17
HCW-20	731.69	10/18/2021	ND	38.69	0.00	693.00
HCW-20	731.69	10/27/2021	ND	38.70	0.00	692.99
HCW-20	731.69	11/1/2021	ND	38.98	0.00	692.71
HCW-20	731.69	11/15/2021	ND	39.43	0.00	692.26
HCW-21	730.02	1/19/2021	34.72	35.26	0.54	695.15
HCW-21	730.02	2/1/2021	ND	33.80	0.00	696.22
HCW-21	730.02	2/22/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	3/4/2021	33.42	40.02	6.60	694.83
HCW-21	730.02	3/8/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	3/15/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	3/22/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	4/1/2021	ND	33.62	0.00	696.40
HCW-21	730.02	4/12/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	4/19/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	4/29/2021	33.35	38.40	5.05	695.32
HCW-21	730.02	5/3/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	5/10/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	5/26/2021	33.31	39.63	6.32	695.02
HCW-21	730.02	6/9/2021	33.46	39.52	6.06	694.93
HCW-21	730.02	7/1/2021	34.39	38.70	4.31	694.47
HCW-21	730.02	7/14/2021	34.59	38.84	4.25	694.29
HCW-21	730.02	7/28/2021	34.88	40.27	5.39	693.69
HCW-21	730.02	8/26/2021	35.40	41.02	5.62	693.11
HCW-21	730.02	9/16/2021	36.06	41.23	5.17	692.57
HCW-21	730.02	9/23/2021	36.22	41.00	4.78	692.52
HCW-21	730.02	10/12/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	10/27/2021	37.33	41.08	3.75	691.68
HCW-22	731.67	1/19/2021	ND	36.66	0.00	695.01
HCW-22	731.67	1/25/2021	ND	36.78	0.00	694.89
HCW-22	731.67	2/1/2021	ND	36.78	0.00	694.89
HCW-22	731.67	2/8/2021	ND	37.08	0.00	694.59
HCW-22	731.67	2/16/2021	ND	37.25	0.00	694.42
HCW-22	731.67	2/22/2021	ND	37.28	0.00	694.39
HCW-22	731.67	3/4/2021	ND	37.01	0.00	694.66
HCW-22	731.67	3/8/2021	ND	37.48	0.00	694.19
HCW-22	731.67	3/15/2021	ND	37.66	0.00	694.01
HCW-22	731.67	3/22/2021	ND	37.51	0.00	694.16
HCW-22	731.67	4/1/2021	ND	37.28	0.00	694.39
HCW-22	731.67	4/12/2021	ND	36.75	0.00	694.92
HCW-22	731.67	4/19/2021	ND	36.83	0.00	694.84

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-22	731.67	4/29/2021	ND	36.71	0.00	694.96
HCW-22	731.67	5/3/2021	ND	37.13	0.00	694.54
HCW-22	731.67	5/10/2021	ND	37.14	0.00	694.53
HCW-22	731.67	5/18/2021	ND	37.01	0.00	694.66
HCW-22	731.67	5/26/2021	ND	36.86	0.00	694.81
HCW-22	731.67	5/31/2021	ND	37.02	0.00	694.65
HCW-22	731.67	6/7/2021	ND	36.98	0.00	694.69
HCW-22	731.67	6/14/2021	ND	37.03	0.00	694.64
HCW-22	731.67	6/21/2021	ND	37.02	0.00	694.65
HCW-22	731.67	7/1/2021	ND	37.38	0.00	694.29
HCW-22	731.67	7/6/2021	ND	37.71	0.00	693.96
HCW-22	731.67	7/14/2021	ND	37.62	0.00	694.05
HCW-22	731.67	7/28/2021	ND	38.12	0.00	693.55
HCW-22	731.67	8/2/2021	ND	38.78	0.00	692.89
HCW-22	731.67	8/16/2021	ND	38.93	0.00	692.74
HCW-22	731.67	8/26/2021	ND	38.67	0.00	693.00
HCW-22	731.67	8/30/2021	ND	39.39	0.00	692.28
HCW-22	731.67	9/14/2021	ND	39.67	0.00	692.00
HCW-22	731.67	9/23/2021	ND	39.28	0.00	692.39
HCW-22	731.67	10/6/2021	ND	40.15	0.00	691.52
HCW-22	731.67	10/12/2021	ND	40.23	0.00	691.44
HCW-22	731.67	10/18/2021	ND	40.39	0.00	691.28
HCW-22	731.67	10/27/2021	ND	40.05	0.00	691.62
HCW-22	731.67	11/1/2021	ND	40.36	0.00	691.31
HCW-22	731.67	11/15/2021	ND	40.71	0.00	690.96
HCW-23	740.60	2/8/2021	ND	50.86	0.00	689.74
HCW-23	740.60	2/16/2021	ND	50.62	0.00	689.98
HCW-23	740.60	2/22/2021	ND	50.66	0.00	689.94
HCW-23	740.60	3/4/2021	ND	50.63	0.00	689.97
HCW-23	740.60	3/8/2021	ND	50.70	0.00	689.90
HCW-23	740.60	3/15/2021	ND	50.72	0.00	689.88
HCW-23	740.60	3/22/2021	ND	50.66	0.00	689.94
HCW-23	740.60	4/1/2021	ND	50.65	0.00	689.95
HCW-23	740.60	4/12/2021	ND	50.71	0.00	689.89
HCW-23	740.60	4/19/2021	ND	50.75	0.00	689.85
HCW-23	740.60	4/29/2021	ND	50.57	0.00	690.03
HCW-23	740.60	5/3/2021	ND	50.62	0.00	689.98
HCW-23	740.60	5/10/2021	ND	50.76	0.00	689.84
HCW-23	740.60	5/18/2021	ND	50.67	0.00	689.93
HCW-23	740.60	5/26/2021	ND	50.51	0.00	690.09
HCW-23	740.60	5/31/2021	ND	50.59	0.00	690.01
HCW-23	740.60	6/7/2021	ND	50.65	0.00	689.95

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-23	740.60	6/14/2021	ND	49.02	0.00	691.58
HCW-23	740.60	6/21/2021	ND	49.14	0.00	691.46
HCW-23	740.60	7/1/2021	ND	50.65	0.00	689.95
HCW-23	740.60	7/6/2021	ND	50.79	0.00	689.81
HCW-23	740.60	7/14/2021	ND	50.84	0.00	689.76
HCW-23	740.60	7/28/2021	ND	51.00	0.00	689.60
HCW-23	740.60	8/2/2021	ND	51.30	0.00	689.30
HCW-23	740.60	8/16/2021	ND	51.40	0.00	689.20
HCW-23	740.60	8/26/2021	ND	51.53	0.00	689.07
HCW-23	740.60	8/30/2021	ND	51.87	0.00	688.73
HCW-23	740.60	9/14/2021	ND	52.18	0.00	688.42
HCW-23	740.60	9/23/2021	ND	52.21	0.00	688.39
HCW-23	740.60	10/6/2021	ND	52.71	0.00	687.89
HCW-23	740.60	10/12/2021	ND	52.74	0.00	687.86
HCW-23	740.60	10/18/2021	ND	52.90	0.00	687.70
HCW-23	740.60	10/27/2021	ND	52.92	0.00	687.68
HCW-23	740.60	11/1/2021	ND	53.13	0.00	687.47
HCW-23	740.60	11/15/2021	ND	53.54	0.00	687.06
HCW-24	741.73	2/8/2021	ND	49.37	0.00	692.36
HCW-24	741.73	2/16/2021	ND	49.15	0.00	692.58
HCW-24	741.73	2/22/2021	ND	49.13	0.00	692.60
HCW-24	741.73	3/4/2021	ND	49.15	0.00	692.58
HCW-24	741.73	3/8/2021	ND	49.21	0.00	692.52
HCW-24	741.73	3/15/2021	ND	49.23	0.00	692.50
HCW-24	741.73	3/22/2021	ND	49.16	0.00	692.57
HCW-24	741.73	4/1/2021	ND	49.18	0.00	692.55
HCW-24	741.73	4/12/2021	ND	49.18	0.00	692.55
HCW-24	741.73	4/19/2021	ND	49.21	0.00	692.52
HCW-24	741.73	4/29/2021	ND	49.11	0.00	692.62
HCW-24	741.73	5/3/2021	ND	49.09	0.00	692.64
HCW-24	741.73	5/10/2021	ND	49.15	0.00	692.58
HCW-24	741.73	5/18/2021	ND	49.14	0.00	692.59
HCW-24	741.73	5/26/2021	ND	49.61	0.00	692.12
HCW-24	741.73	5/31/2021	ND	49.06	0.00	692.67
HCW-24	741.73	6/7/2021	ND	49.07	0.00	692.66
HCW-24	741.73	6/14/2021	ND	49.02	0.00	692.71
HCW-24	741.73	6/21/2021	ND	50.68	0.00	691.05
HCW-24	741.73	7/1/2021	ND	50.93	0.00	690.80
HCW-24	741.73	7/6/2021	ND	49.28	0.00	692.45
HCW-24	741.73	7/14/2021	ND	49.33	0.00	692.40
HCW-24	741.73	7/28/2021	ND	49.49	0.00	692.24
HCW-24	741.73	8/2/2021	ND	49.75	0.00	691.98

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-24	741.73	8/16/2021	ND	49.84	0.00	691.89
HCW-24	741.73	8/26/2021	ND	50.02	0.00	691.71
HCW-24	741.73	8/30/2021	ND	50.29	0.00	691.44
HCW-24	741.73	9/14/2021	ND	50.61	0.00	691.12
HCW-24	741.73	9/23/2021	ND	50.70	0.00	691.03
HCW-24	741.73	10/6/2021	ND	51.13	0.00	690.60
HCW-24	741.73	10/12/2021	ND	51.26	0.00	690.47
HCW-24	741.73	10/18/2021	ND	51.34	0.00	690.39
HCW-24	741.73	10/27/2021	ND	51.37	0.00	690.36
HCW-24	741.73	11/1/2021	ND	51.57	0.00	690.16
HCW-24	741.73	11/15/2021	ND	51.98	0.00	689.75
HCW-25	729.91	2/16/2021	32.79	33.94	1.15	696.81
HCW-25	729.91	2/22/2021	32.13	35.65	3.52	696.84
HCW-25	729.91	3/4/2021	35.15	37.47	2.32	694.14
HCW-25	729.91	3/8/2021	31.69	37.51	5.82	696.66
HCW-25	729.91	3/15/2021	31.69	37.42	5.73	696.68
HCW-25	729.91	3/22/2021	31.65	37.25	5.60	696.76
HCW-25	729.91	4/1/2021	31.62	37.18	5.56	696.80
HCW-25	729.91	4/12/2021	31.58	37.02	5.44	696.87
HCW-25	729.91	4/19/2021	31.53	36.91	5.38	696.94
HCW-25	729.91	4/29/2021	31.67	36.19	4.52	697.03
HCW-25	729.91	5/3/2021	31.74	36.06	4.32	697.01
HCW-25	729.91	5/10/2021	ARP	ARP	ARP	ARP
HCW-25	729.91	5/26/2021	33.23	35.83	2.60	695.98
HCW-25	730.41	6/9/2021	33.66	35.95	2.29	696.14
HCW-25	730.41	7/1/2021	34.22	36.37	2.15	695.62
HCW-25	730.41	7/14/2021	34.54	36.60	2.06	695.32
HCW-25	730.41	7/28/2021	34.76	36.87	2.11	695.09
HCW-25	730.41	8/26/2021	35.48	37.08	1.60	694.51
HCW-25	730.41	9/16/2021	36.13	37.04	0.91	694.04
HCW-25	730.41	9/23/2021	36.29	37.11	0.82	693.90
HCW-25	730.41	10/12/2021	ARP	ARP	ARP	ARP
HCW-25	730.41	10/27/2021	37.19	37.72	0.53	693.08
HCW-26	730.52	2/16/2021	ND	34.17	0.00	696.35
HCW-26	730.52	2/22/2021	ND	34.21	0.00	696.31
HCW-26	730.52	3/4/2021	ND	34.13	0.00	696.39
HCW-26	730.52	3/8/2021	ND	34.30	0.00	696.22
HCW-26	730.52	3/15/2021	ND	34.35	0.00	696.17
HCW-26	730.52	4/1/2021	ND	34.30	0.00	696.22
HCW-26	730.52	4/12/2021	ND	34.04	0.00	696.48
HCW-26	730.52	4/19/2021	ND	34.01	0.00	696.51
HCW-26	730.52	4/29/2021	ND	33.98	0.00	696.54

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-26	730.52	5/3/2021	ND	33.96	0.00	696.56
HCW-26	730.52	5/10/2021	ND	34.24	0.00	696.28
HCW-26	730.52	5/18/2021	ND	34.46	0.00	696.06
HCW-26	730.52	5/26/2021	ND	34.42	0.00	696.10
HCW-26	730.52	5/31/2021	ND	34.63	0.00	695.89
HCW-26	730.52	6/7/2021	ND	34.76	0.00	695.76
HCW-26	730.52	6/14/2021	ND	34.86	0.00	695.66
HCW-26	730.52	6/21/2021	ND	35.02	0.00	695.50
HCW-26	730.52	7/1/2021	ND	35.11	0.00	695.41
HCW-26	730.52	7/6/2021	ND	35.43	0.00	695.09
HCW-26	730.52	7/14/2021	ND	35.44	0.00	695.08
HCW-26	730.52	7/28/2021	ND	35.69	0.00	694.83
HCW-26	730.52	8/2/2021	ND	35.98	0.00	694.54
HCW-26	730.52	8/16/2021	ND	36.12	0.00	694.40
HCW-26	730.52	8/26/2021	ND	36.22	0.00	694.30
HCW-26	730.52	8/30/2021	ND	36.38	0.00	694.14
HCW-26	730.52	9/14/2021	ND	36.69	0.00	693.83
HCW-26	730.52	9/23/2021	ND	36.79	0.00	693.73
HCW-26	730.52	10/6/2021	ND	37.21	0.00	693.31
HCW-26	730.52	10/12/2021	ND	37.33	0.00	693.19
HCW-26	730.52	10/18/2021	ND	37.42	0.00	693.10
HCW-26	730.52	10/27/2021	ND	37.60	0.00	692.92
HCW-26	730.52	11/1/2021	ND	37.75	0.00	692.77
HCW-26	730.52	11/15/2021	ND	38.07	0.00	692.45
HCW-27	729.91	2/16/2021	ND	33.94	0.00	695.97
HCW-27	729.91	2/22/2021	ND	34.10	0.00	695.81
HCW-27	729.91	3/4/2021	ND	34.14	0.00	695.77
HCW-27	729.91	3/8/2021	ND	34.28	0.00	695.63
HCW-27	729.91	3/15/2021	ND	34.38	0.00	695.53
HCW-27	729.91	3/22/2021	ND	34.31	0.00	695.60
HCW-27	729.91	4/1/2021	ND	34.31	0.00	695.60
HCW-27	729.91	4/12/2021	ND	34.15	0.00	695.76
HCW-27	729.91	4/19/2021	ND	34.13	0.00	695.78
HCW-27	729.91	4/29/2021	ND	34.04	0.00	695.87
HCW-27	729.91	5/3/2021	ND	34.11	0.00	695.80
HCW-27	729.91	5/10/2021	ND	35.25	0.00	694.66
HCW-27	729.91	5/18/2021	ND	34.35	0.00	695.56
HCW-27	729.91	5/26/2021	ND	34.30	0.00	695.61
HCW-27	729.91	5/31/2021	ND	34.42	0.00	695.49
HCW-27	729.91	6/7/2021	ND	34.48	0.00	695.43
HCW-27	729.91	6/14/2021	ND	34.53	0.00	695.38
HCW-27	729.91	6/21/2021	ND	34.59	0.00	695.32

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HCW-27	729.91	7/1/2021	ND	34.77	0.00	695.14
HCW-27	729.91	7/6/2021	ND	39.94	0.00	689.97
HCW-27	729.91	7/14/2021	ND	35.03	0.00	694.88
HCW-27	729.91	7/28/2021	ND	35.30	0.00	694.61
HCW-27	729.91	8/2/2021	ND	35.51	0.00	694.40
HCW-27	729.91	8/16/2021	ND	35.73	0.00	694.18
HCW-27	729.91	8/26/2021	ND	35.87	0.00	694.04
HCW-27	729.91	8/30/2021	ND	35.97	0.00	693.94
HCW-27	729.91	9/14/2021	ND	36.33	0.00	693.58
HCW-27	729.91	9/23/2021	ND	36.43	0.00	693.48
HCW-27	729.91	10/6/2021	ND	36.73	0.00	693.18
HCW-27	729.91	10/12/2021	ND	36.89	0.00	693.02
HCW-27	729.91	10/18/2021	DRY	DRY	DRY	DRY
HCW-27	729.91	10/27/2021	ND	37.15	0.00	692.76
HCW-27	729.91	11/1/2021	ND	37.18	0.00	692.73
HCW-27	729.91	11/15/2021	ND	37.42	0.00	692.49
NHCW-01	718.93	2/16/2021	ND	29.89	0.00	689.04
NHCW-01	718.93	2/22/2021	ND	29.80	0.00	689.13
NHCW-01	718.93	3/4/2021	ND	29.95	0.00	688.98
NHCW-01	718.93	3/8/2021	ND	29.73	0.00	689.20
NHCW-01	718.93	3/15/2021	ND	29.74	0.00	689.19
NHCW-01	718.93	3/22/2021	ND	29.66	0.00	689.27
NHCW-01	718.93	4/1/2021	ND	29.38	0.00	689.55
NHCW-01	718.93	4/12/2021	ND	29.36	0.00	689.57
NHCW-01	718.93	4/19/2021	ND	29.38	0.00	689.55
NHCW-01	718.93	4/29/2021	ND	29.14	0.00	689.79
NHCW-01	718.93	5/3/2021	ND	29.25	0.00	689.68
NHCW-01	718.93	5/10/2021	ND	29.95	0.00	688.98
NHCW-01	718.93	5/18/2021	ND	29.19	0.00	689.74
NHCW-01	718.93	5/26/2021	ND	29.11	0.00	689.82
NHCW-01	718.93	5/31/2021	ND	29.40	0.00	689.53
NHCW-01	718.93	6/7/2021	ND	29.45	0.00	689.48
NHCW-01	718.93	6/14/2021	ND	29.49	0.00	689.44
NHCW-01	718.93	6/21/2021	ND	29.74	0.00	689.19
NHCW-01	718.93	7/1/2021	ND	29.67	0.00	689.26
NHCW-01	718.93	7/6/2021	ND	30.12	0.00	688.81
NHCW-01	718.93	7/14/2021	ND	30.05	0.00	688.88
NHCW-01	718.93	7/28/2021	ND	30.51	0.00	688.42
NHCW-01	718.93	8/2/2021	ND	31.01	0.00	687.92
NHCW-01	718.93	8/16/2021	ND	31.30	0.00	687.63
NHCW-01	718.93	8/26/2021	ND	31.30	0.00	687.63
NHCW-01	718.93	8/30/2021	ND	31.60	0.00	687.33

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-01	718.93	9/14/2021	ND	32.38	0.00	686.55
NHCW-01	718.93	9/23/2021	ND	32.22	0.00	686.71
NHCW-01	718.93	10/6/2021	ND	32.80	0.00	686.13
NHCW-01	718.93	10/12/2021	ND	32.90	0.00	686.03
NHCW-01	718.93	10/18/2021	ND	33.09	0.00	685.84
NHCW-01	718.93	10/27/2021	ND	33.01	0.00	685.92
NHCW-01	718.93	11/1/2021	ND	33.17	0.00	685.76
NHCW-01	718.93	11/15/2021	ND	33.50	0.00	685.43
NHCW-02	719.11	2/16/2021	ND	30.05	0.00	689.06
NHCW-02	719.11	2/22/2021	ND	29.94	0.00	689.17
NHCW-02	719.11	3/4/2021	ND	29.78	0.00	689.33
NHCW-02	719.11	3/8/2021	ND	29.92	0.00	689.19
NHCW-02	719.11	3/15/2021	ND	29.88	0.00	689.23
NHCW-02	719.11	3/22/2021	ND	29.79	0.00	689.32
NHCW-02	719.11	4/1/2021	ND	29.54	0.00	689.57
NHCW-02	719.11	4/12/2021	ND	29.46	0.00	689.65
NHCW-02	719.11	4/19/2021	ND	29.48	0.00	689.63
NHCW-02	719.11	4/29/2021	ND	29.30	0.00	689.81
NHCW-02	719.11	5/3/2021	ND	29.34	0.00	689.77
NHCW-02	719.11	5/10/2021	ND	29.41	0.00	689.70
NHCW-02	719.11	5/18/2021	ND	29.35	0.00	689.76
NHCW-02	719.11	5/26/2021	ND	29.28	0.00	689.83
NHCW-02	719.11	5/31/2021	ND	29.55	0.00	689.56
NHCW-02	719.11	6/7/2021	ND	29.61	0.00	689.50
NHCW-02	719.11	6/14/2021	ND	29.68	0.00	689.43
NHCW-02	719.11	6/21/2021	ND	29.91	0.00	689.20
NHCW-02	719.11	7/1/2021	ND	29.89	0.00	689.22
NHCW-02	719.11	7/6/2021	ND	30.29	0.00	688.82
NHCW-02	719.11	7/14/2021	ND	30.27	0.00	688.84
NHCW-02	719.11	7/28/2021	ND	30.74	0.00	688.37
NHCW-02	719.11	8/2/2021	ND	31.20	0.00	687.91
NHCW-02	719.11	8/16/2021	ND	31.50	0.00	687.61
NHCW-02	719.11	8/26/2021	ND	31.56	0.00	687.55
NHCW-02	719.11	8/30/2021	ND	31.82	0.00	687.29
NHCW-02	719.11	9/14/2021	ND	32.52	0.00	686.59
NHCW-02	719.11	9/23/2021	ND	32.49	0.00	686.62
NHCW-02	719.11	10/6/2021	ND	33.04	0.00	686.07
NHCW-02	719.11	10/12/2021	ND	33.17	0.00	685.94
NHCW-02	719.11	10/18/2021	ND	33.35	0.00	685.76
NHCW-02	719.11	10/27/2021	ND	33.33	0.00	685.78
NHCW-02	719.11	11/1/2021	ND	33.48	0.00	685.63
NHCW-02	719.11	11/15/2021	ND	33.83	0.00	685.28

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-03	717.56	2/16/2021	ND	28.57	0.00	688.99
NHCW-03	717.56	2/22/2021	ND	28.47	0.00	689.09
NHCW-03	717.56	3/4/2021	ND	28.31	0.00	689.25
NHCW-03	717.56	3/8/2021	ND	28.41	0.00	689.15
NHCW-03	717.56	3/15/2021	ND	28.32	0.00	689.24
NHCW-03	717.56	3/22/2021	ND	28.25	0.00	689.31
NHCW-03	717.56	4/1/2021	ND	28.06	0.00	689.50
NHCW-03	717.56	4/12/2021	ND	27.87	0.00	689.69
NHCW-03	717.56	4/19/2021	ND	27.87	0.00	689.69
NHCW-03	717.56	4/29/2021	ND	27.80	0.00	689.76
NHCW-03	717.56	5/3/2021	ND	27.81	0.00	689.75
NHCW-03	717.56	5/10/2021	ND	28.91	0.00	688.65
NHCW-03	717.56	5/18/2021	ND	27.91	0.00	689.65
NHCW-03	717.56	5/26/2021	ND	27.89	0.00	689.67
NHCW-03	717.56	5/31/2021	ND	28.07	0.00	689.49
NHCW-03	717.56	6/7/2021	ND	28.17	0.00	689.39
NHCW-03	717.56	6/14/2021	ND	28.24	0.00	689.32
NHCW-03	717.56	6/21/2021	ND	28.45	0.00	689.11
NHCW-03	717.56	7/1/2021	ND	28.84	0.00	688.72
NHCW-03	717.56	7/6/2021	ND	28.81	0.00	688.75
NHCW-03	717.56	7/14/2021	ND	28.91	0.00	688.65
NHCW-03	717.56	7/28/2021	ND	29.40	0.00	688.16
NHCW-03	717.56	8/2/2021	ND	29.82	0.00	687.74
NHCW-03	717.56	8/16/2021	ND	30.14	0.00	687.42
NHCW-03	717.56	8/26/2021	ND	30.33	0.00	687.23
NHCW-03	717.56	8/30/2021	ND	30.51	0.00	687.05
NHCW-03	717.56	9/14/2021	ND	31.13	0.00	686.43
NHCW-03	717.56	9/23/2021	ND	31.31	0.00	686.25
NHCW-03	717.56	10/6/2021	ND	31.88	0.00	685.68
NHCW-03	717.56	10/12/2021	ND	32.02	0.00	685.54
NHCW-03	717.56	10/18/2021	ND	32.21	0.00	685.35
NHCW-03	717.56	10/27/2021	ND	32.24	0.00	685.32
NHCW-03	717.56	11/1/2021	ND	32.39	0.00	685.17
NHCW-03	717.56	11/15/2021	ND	32.82	0.00	684.74
NHCW-04	716.18	2/16/2021	ND	22.23	0.00	693.95
NHCW-04	716.18	2/22/2021	ND	27.11	0.00	689.07
NHCW-04	716.18	3/4/2021	ND	26.95	0.00	689.23
NHCW-04	716.18	3/8/2021	ND	27.02	0.00	689.16
NHCW-04	716.18	3/15/2021	ND	26.95	0.00	689.23
NHCW-04	716.18	3/22/2021	ND	26.90	0.00	689.28
NHCW-04	716.18	4/1/2021	ND	26.70	0.00	689.48
NHCW-04	716.18	4/12/2021	ND	26.47	0.00	689.71

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-04	716.18	4/19/2021	ND	26.48	0.00	689.70
NHCW-04	716.18	4/29/2021	ND	26.44	0.00	689.74
NHCW-04	716.18	5/3/2021	ND	26.40	0.00	689.78
NHCW-04	716.18	5/10/2021	ND	27.53	0.00	688.65
NHCW-04	716.18	5/18/2021	ND	26.57	0.00	689.61
NHCW-04	716.18	5/26/2021	ND	26.57	0.00	689.61
NHCW-04	716.18	5/31/2021	ND	26.76	0.00	689.42
NHCW-04	716.18	6/7/2021	ND	26.85	0.00	689.33
NHCW-04	716.18	6/14/2021	ND	26.92	0.00	689.26
NHCW-04	716.18	6/21/2021	ND	27.14	0.00	689.04
NHCW-04	716.18	7/1/2021	ND	27.25	0.00	688.93
NHCW-04	716.18	7/6/2021	ND	27.49	0.00	688.69
NHCW-04	716.18	7/14/2021	ND	27.60	0.00	688.58
NHCW-04	716.18	7/28/2021	ND	28.14	0.00	688.04
NHCW-04	716.18	8/2/2021	ND	28.56	0.00	687.62
NHCW-04	716.18	8/16/2021	ND	28.91	0.00	687.27
NHCW-04	716.18	8/26/2021	ND	28.10	0.00	688.08
NHCW-04	716.18	8/30/2021	ND	29.28	0.00	686.90
NHCW-04	716.18	9/14/2021	ND	29.91	0.00	686.27
NHCW-04	716.18	9/23/2021	ND	30.11	0.00	686.07
NHCW-04	716.18	10/6/2021	ND	30.73	0.00	685.45
NHCW-04	716.18	10/12/2021	ND	30.88	0.00	685.30
NHCW-04	716.18	10/18/2021	ND	31.10	0.00	685.08
NHCW-04	716.18	10/27/2021	ND	31.12	0.00	685.06
NHCW-04	716.18	11/1/2021	ND	31.24	0.00	684.94
NHCW-04	716.18	11/15/2021	ND	31.71	0.00	684.47
NHCW-05	715.34	2/16/2021	ND	26.51	0.00	688.83
NHCW-05	715.34	2/22/2021	ND	26.37	0.00	688.97
NHCW-05	715.34	3/4/2021	ND	26.20	0.00	689.14
NHCW-05	715.34	3/8/2021	ND	26.28	0.00	689.06
NHCW-05	715.34	3/15/2021	ND	26.20	0.00	689.14
NHCW-05	715.34	3/22/2021	ND	26.14	0.00	689.20
NHCW-05	715.34	4/1/2021	ND	25.94	0.00	689.40
NHCW-05	715.34	4/12/2021	ND	25.68	0.00	689.66
NHCW-05	715.34	4/19/2021	ND	25.70	0.00	689.64
NHCW-05	715.34	4/29/2021	ND	25.69	0.00	689.65
NHCW-05	715.34	5/3/2021	ND	25.71	0.00	689.63
NHCW-05	715.34	5/10/2021	ND	25.80	0.00	689.54
NHCW-05	715.34	5/18/2021	ND	25.90	0.00	689.44
NHCW-05	715.34	5/26/2021	ND	25.90	0.00	689.44
NHCW-05	715.34	5/31/2021	ND	26.10	0.00	689.24
NHCW-05	715.34	6/7/2021	ND	26.21	0.00	689.13

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-05	715.34	6/14/2021	ND	26.28	0.00	689.06
NHCW-05	715.34	6/21/2021	ND	26.52	0.00	688.82
NHCW-05	715.34	7/1/2021	ND	26.63	0.00	688.71
NHCW-05	715.34	7/6/2021	ND	26.88	0.00	688.46
NHCW-05	715.34	7/14/2021	ND	26.98	0.00	688.36
NHCW-05	715.34	7/28/2021	ND	27.50	0.00	687.84
NHCW-05	715.34	8/2/2021	ND	28.08	0.00	687.26
NHCW-05	715.34	8/16/2021	ND	28.40	0.00	686.94
NHCW-05	715.34	8/26/2021	ND	26.57	0.00	688.77
NHCW-05	715.34	8/30/2021	ND	28.83	0.00	686.51
NHCW-05	715.34	9/14/2021	29.05	30.45	1.40	685.92
NHCW-05	715.34	9/16/2021	28.91	30.58	1.67	685.99
NHCW-05	715.34	9/23/2021	28.94	32.83	3.89	685.36
NHCW-05	715.34	10/12/2021	ARP	ARP	ARP	ARP
NHCW-05	715.34	10/27/2021	30.88	31.76	0.88	684.23
NHCW-06	714.96	2/16/2021	ND	26.23	0.00	688.73
NHCW-06	714.96	2/22/2021	ND	26.07	0.00	688.89
NHCW-06	714.96	3/4/2021	ND	25.90	0.00	689.06
NHCW-06	714.96	3/8/2021	ND	26.96	0.00	688.00
NHCW-06	714.96	3/15/2021	ND	25.88	0.00	689.08
NHCW-06	714.96	3/22/2021	ND	25.82	0.00	689.14
NHCW-06	714.96	4/1/2021	ND	25.59	0.00	689.37
NHCW-06	714.96	4/12/2021	ND	25.32	0.00	689.64
NHCW-06	714.96	4/19/2021	ND	25.37	0.00	689.59
NHCW-06	714.96	4/29/2021	ND	25.36	0.00	689.60
NHCW-06	714.96	5/3/2021	ND	25.38	0.00	689.58
NHCW-06	714.96	5/10/2021	ND	25.50	0.00	689.46
NHCW-06	714.96	5/18/2021	ND	25.60	0.00	689.36
NHCW-06	714.96	5/26/2021	ND	25.62	0.00	689.34
NHCW-06	714.96	6/7/2021	ND	25.96	0.00	689.00
NHCW-06	714.96	6/14/2021	ND	26.03	0.00	688.93
NHCW-06	714.97	6/21/2021	ND	26.28	0.00	688.69
NHCW-06	714.97	7/1/2021	ND	26.38	0.00	688.59
NHCW-06	714.97	7/6/2021	ND	26.63	0.00	688.34
NHCW-06	714.97	7/14/2021	26.61	27.06	0.45	688.23
NHCW-06	714.97	7/28/2021	27.09	28.74	1.65	687.43
NHCW-06	714.97	8/26/2021	27.97	30.60	2.63	686.29
NHCW-06	714.97	9/16/2021	27.70	31.52	3.82	686.24
NHCW-06	714.97	9/23/2021	28.95	31.63	2.68	685.30
NHCW-06	714.97	10/12/2021	ARP	ARP	ARP	ARP
NHCW-06	714.97	10/27/2021	29.96	33.18	3.22	684.14
NHCW-07	714.08	2/16/2021	ND	25.48	0.00	688.60

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-07	714.08	2/22/2021	ND	25.29	0.00	688.79
NHCW-07	714.08	3/4/2021	ND	25.11	0.00	688.97
NHCW-07	714.08	3/8/2021	ND	25.20	0.00	688.88
NHCW-07	714.08	3/15/2021	ND	25.12	0.00	688.96
NHCW-07	714.08	3/22/2021	ND	25.04	0.00	689.04
NHCW-07	714.08	4/1/2021	ND	24.80	0.00	689.28
NHCW-07	714.08	4/12/2021	ND	24.51	0.00	689.57
NHCW-07	714.08	4/19/2021	ND	24.58	0.00	689.50
NHCW-07	714.08	4/29/2021	ND	24.62	0.00	689.46
NHCW-07	714.08	5/3/2021	ND	24.57	0.00	689.51
NHCW-07	714.08	5/10/2021	ND	24.75	0.00	689.33
NHCW-07	714.08	5/18/2021	ND	24.88	0.00	689.20
NHCW-07	714.08	5/26/2021	ND	24.91	0.00	689.17
NHCW-07	714.08	5/31/2021	ND	25.13	0.00	688.95
NHCW-07	714.08	6/7/2021	ND	25.24	0.00	688.84
NHCW-07	714.08	6/14/2021	ND	25.33	0.00	688.75
NHCW-07	714.08	6/21/2021	ND	25.57	0.00	688.51
NHCW-07	714.08	7/1/2021	ND	25.71	0.00	688.37
NHCW-07	714.08	7/6/2021	ND	25.93	0.00	688.15
NHCW-07	714.08	7/14/2021	ND	26.04	0.00	688.04
NHCW-07	714.08	7/28/2021	ND	26.57	0.00	687.51
NHCW-07	714.08	8/2/2021	ND	27.08	0.00	687.00
NHCW-07	714.08	8/16/2021	ND	27.53	0.00	686.55
NHCW-07	714.08	8/26/2021	ND	27.75	0.00	686.33
NHCW-07	714.08	8/30/2021	ND	28.04	0.00	686.04
NHCW-07	714.08	9/14/2021	ND	28.69	0.00	685.39
NHCW-07	714.08	9/23/2021	ND	28.84	0.00	685.24
NHCW-07	714.08	10/6/2021	ND	29.63	0.00	684.45
NHCW-07	714.08	10/12/2021	ND	29.79	0.00	684.29
NHCW-07	714.08	10/18/2021	ND	30.03	0.00	684.05
NHCW-07	714.08	10/27/2021	ND	30.05	0.00	684.03
NHCW-07	714.08	11/1/2021	ND	30.20	0.00	683.88
NHCW-07	714.08	11/15/2021	ND	30.94	0.00	683.14
NHCW-08	712.84	2/16/2021	ND	24.34	0.00	688.50
NHCW-08	712.84	2/22/2021	ND	24.17	0.00	688.67
NHCW-08	712.84	3/4/2021	ND	23.98	0.00	688.86
NHCW-08	712.84	3/8/2021	ND	24.03	0.00	688.81
NHCW-08	712.84	3/15/2021	ND	23.96	0.00	688.88
NHCW-08	712.84	3/22/2021	ND	23.87	0.00	688.97
NHCW-08	712.84	4/1/2021	ND	23.62	0.00	689.22
NHCW-08	712.84	4/12/2021	ND	23.34	0.00	689.50
NHCW-08	712.84	4/19/2021	ND	23.40	0.00	689.44

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-08	712.84	4/29/2021	ND	23.42	0.00	689.42
NHCW-08	712.84	5/3/2021	ND	23.43	0.00	689.41
NHCW-08	712.84	5/10/2021	ND	23.59	0.00	689.25
NHCW-08	712.84	5/18/2021	ND	23.75	0.00	689.09
NHCW-08	712.84	5/26/2021	ND	23.78	0.00	689.06
NHCW-08	712.84	5/31/2021	ND	24.02	0.00	688.82
NHCW-08	712.84	6/7/2021	ND	24.13	0.00	688.71
NHCW-08	712.84	6/14/2021	ND	24.23	0.00	688.61
NHCW-08	712.84	6/21/2021	ND	24.47	0.00	688.37
NHCW-08	712.84	7/1/2021	ND	24.60	0.00	688.24
NHCW-08	712.84	7/6/2021	ND	24.64	0.00	688.20
NHCW-08	712.84	7/14/2021	ND	24.94	0.00	687.90
NHCW-08	712.84	7/28/2021	ND	25.46	0.00	687.38
NHCW-08	712.84	8/2/2021	ND	25.99	0.00	686.85
NHCW-08	712.84	8/16/2021	ND	26.38	0.00	686.46
NHCW-08	712.84	8/26/2021	ND	26.66	0.00	686.18
NHCW-08	712.84	8/30/2021	ND	26.94	0.00	685.90
NHCW-08	712.84	9/14/2021	ND	27.56	0.00	685.28
NHCW-08	712.84	9/23/2021	ND	27.78	0.00	685.06
NHCW-08	712.84	10/6/2021	ND	28.49	0.00	684.35
NHCW-08	712.84	10/12/2021	ND	28.70	0.00	684.14
NHCW-08	712.84	10/18/2021	ND	28.96	0.00	683.88
NHCW-08	712.84	10/27/2021	ND	29.03	0.00	683.81
NHCW-08	712.84	11/1/2021	ND	29.15	0.00	683.69
NHCW-08	712.84	11/15/2021	ND	29.95	0.00	682.89
NHCW-09	711.21	2/16/2021	ND	23.89	0.00	687.32
NHCW-09	711.21	2/22/2021	ND	23.61	0.00	687.60
NHCW-09	711.21	3/4/2021	ND	23.37	0.00	687.84
NHCW-09	711.21	3/8/2021	ND	23.47	0.00	687.74
NHCW-09	711.21	3/15/2021	ND	23.40	0.00	687.81
NHCW-09	711.21	3/22/2021	ND	23.19	0.00	688.02
NHCW-09	711.21	4/1/2021	ND	22.79	0.00	688.42
NHCW-09	711.21	4/12/2021	ND	22.54	0.00	688.67
NHCW-09	711.21	4/19/2021	ND	22.71	0.00	688.50
NHCW-09	711.21	4/29/2021	ND	22.94	0.00	688.27
NHCW-09	711.21	5/3/2021	ND	23.02	0.00	688.19
NHCW-09	711.21	5/10/2021	ND	23.22	0.00	687.99
NHCW-09	711.21	5/18/2021	ND	23.47	0.00	687.74
NHCW-09	711.21	5/26/2021	ND	23.57	0.00	687.64
NHCW-09	711.21	5/31/2021	ND	23.85	0.00	687.36
NHCW-09	711.21	6/7/2021	ND	24.05	0.00	687.16
NHCW-09	711.21	6/14/2021	ND	24.19	0.00	687.02

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-09	711.21	6/21/2021	ND	24.49	0.00	686.72
NHCW-09	711.21	7/1/2021	ND	24.68	0.00	686.53
NHCW-09	711.21	7/6/2021	ND	24.90	0.00	686.31
NHCW-09	711.21	7/14/2021	ND	25.05	0.00	686.16
NHCW-09	711.21	7/28/2021	ND	25.52	0.00	685.69
NHCW-09	711.21	8/2/2021	ND	25.92	0.00	685.29
NHCW-09	711.21	8/16/2021	ND	26.36	0.00	684.85
NHCW-09	711.21	8/26/2021	ND	27.72	0.00	683.49
NHCW-09	711.21	8/30/2021	ND	26.93	0.00	684.28
NHCW-09	711.21	9/14/2021	ND	27.60	0.00	683.61
NHCW-09	711.21	9/23/2021	ND	27.91	0.00	683.30
NHCW-09	711.21	10/6/2021	ND	28.55	0.00	682.66
NHCW-09	711.21	10/12/2021	ND	28.76	0.00	682.45
NHCW-09	711.21	10/18/2021	ND	29.02	0.00	682.19
NHCW-09	711.21	10/27/2021	ND	27.22	0.00	683.99
NHCW-09	711.21	11/1/2021	ND	29.35	0.00	681.86
NHCW-09	711.21	11/15/2021	ND	30.09	0.00	681.12
NHCW-10	713.05	2/16/2021	ND	26.85	0.00	686.20
NHCW-10	713.05	2/22/2021	ND	23.68	0.00	689.37
NHCW-10	713.05	3/4/2021	ND	26.00	0.00	687.05
NHCW-10	713.05	3/8/2021	ND	26.11	0.00	686.94
NHCW-10	713.05	3/15/2021	ND	26.17	0.00	686.88
NHCW-10	713.05	3/22/2021	ND	25.81	0.00	687.24
NHCW-10	713.05	4/1/2021	ND	25.10	0.00	687.95
NHCW-10	713.05	4/12/2021	ND	25.08	0.00	687.97
NHCW-10	713.05	4/19/2021	ND	25.44	0.00	687.61
NHCW-10	713.05	4/29/2021	ND	25.98	0.00	687.07
NHCW-10	713.05	5/3/2021	ND	26.14	0.00	686.91
NHCW-10	713.05	5/10/2021	ND	26.52	0.00	686.53
NHCW-10	713.05	5/18/2021	ND	26.65	0.00	686.40
NHCW-10	713.05	5/26/2021	ND	26.87	0.00	686.18
NHCW-10	713.05	5/31/2021	ND	27.20	0.00	685.85
NHCW-10	713.05	6/7/2021	ND	27.50	0.00	685.55
NHCW-10	713.05	6/14/2021	ND	27.75	0.00	685.30
NHCW-10	713.05	6/21/2021	ND	28.12	0.00	684.93
NHCW-10	713.05	7/1/2021	ND	28.29	0.00	684.76
NHCW-10	713.05	7/6/2021	ND	28.53	0.00	684.52
NHCW-10	713.05	7/14/2021	ND	28.67	0.00	684.38
NHCW-10	713.05	7/28/2021	ND	29.13	0.00	683.92
NHCW-10	713.05	8/2/2021	ND	29.46	0.00	683.59
NHCW-10	713.05	8/16/2021	ND	30.01	0.00	683.04

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-10	713.05	8/26/2021	ND	30.39	0.00	682.66
NHCW-10	713.05	8/30/2021	ND	30.65	0.00	682.40
NHCW-10	713.05	9/14/2021	ND	31.42	0.00	681.63
NHCW-10	713.05	9/23/2021	ND	31.80	0.00	681.25
NHCW-10	713.05	10/6/2021	ND	32.49	0.00	680.56
NHCW-10	713.05	10/12/2021	ND	32.77	0.00	680.28
NHCW-10	713.05	10/18/2021	ND	33.07	0.00	679.98
NHCW-10	713.05	10/27/2021	ND	33.30	0.00	679.75
NHCW-10	713.05	11/1/2021	ND	33.47	0.00	679.58
NHCW-10	713.05	11/15/2021	ND	34.49	0.00	678.56
NHCW-11	709.11	2/16/2021	ND	23.12	0.00	685.99
NHCW-11	709.11	2/22/2021	ND	22.52	0.00	686.59
NHCW-11	709.11	3/4/2021	ND	23.73	0.00	685.38
NHCW-11	709.11	3/8/2021	ND	23.88	0.00	685.23
NHCW-11	709.11	3/15/2021	ND	23.95	0.00	685.16
NHCW-11	709.11	3/22/2021	ND	23.46	0.00	685.65
NHCW-11	709.11	4/1/2021	ND	22.66	0.00	686.45
NHCW-11	709.11	4/12/2021	ND	22.81	0.00	686.30
NHCW-11	709.11	4/19/2021	23.02	23.03	0.01	686.08
NHCW-11	709.11	4/29/2021	23.83	23.88	0.05	685.26
NHCW-11	709.11	5/3/2021	24.08	24.13	0.05	685.01
NHCW-11	709.11	5/10/2021	ND	24.53	0.00	684.58
NHCW-11	709.11	5/18/2021	24.88	25.01	0.13	684.19
NHCW-11	709.11	5/26/2021	25.03	25.18	0.15	684.04
NHCW-11	709.11	5/31/2021	25.42	25.59	0.17	683.64
NHCW-11	709.11	6/7/2021	25.72	25.85	0.13	683.35
NHCW-11	709.11	7/1/2021	ND	26.00	0.00	683.11
NHCW-11	709.11	7/14/2021	ND	26.32	0.00	682.79
NHCW-11	709.11	7/28/2021	ND	26.72	0.00	682.39
NHCW-11	709.11	8/26/2021	ND	28.08	0.00	681.03
NHCW-11	709.11	9/16/2021	ND	29.16	0.00	679.95
NHCW-11	709.11	9/23/2021	ND	29.45	0.00	679.66
NHCW-11	709.11	10/12/2021	ARP	ARP	ARP	ARP
NHCW-11	709.11	10/27/2021	ND	30.98	0.00	678.13
NHCW-12	707.70	2/22/2021	ND	19.77	0.00	687.93
NHCW-12	707.70	3/4/2021	ND	20.92	0.00	686.78
NHCW-12	707.70	3/8/2021	21.16	21.17	0.01	686.53
NHCW-12	707.70	3/11/2021	21.17	21.34	0.17	686.48
NHCW-12	707.70	3/15/2021	21.24	21.58	0.34	686.36
NHCW-12	707.70	3/22/2021	20.52	20.87	0.35	687.08
NHCW-12	707.70	4/1/2021	19.61	20.09	0.48	687.96
NHCW-12	707.70	4/12/2021	20.04	20.87	0.83	687.43

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-12	707.70	4/19/2021	20.35	21.44	1.09	687.05
NHCW-12	707.70	4/29/2021	20.28	21.82	1.54	687.00
NHCW-12	707.70	5/3/2021	ARP	ARP	ARP	ARP
NHCW-12	707.70	5/10/2021	ARP	ARP	ARP	ARP
NHCW-12	707.70	5/26/2021	21.48	23.32	1.84	685.72
NHCW-12	707.09	6/9/2021	22.10	24.05	1.95	684.47
NHCW-12	707.09	7/1/2021	22.97	24.63	1.66	683.68
NHCW-12	706.69	7/14/2021	23.35	25.22	1.87	682.84
NHCW-12	706.69	7/28/2021	23.77	25.64	1.87	682.42
NHCW-12	706.42	8/26/2021	25.44	25.51	0.07	680.96
NHCW-12	706.42	9/16/2021	26.64	27.33	0.69	679.60
NHCW-12	706.42	9/23/2021	27.03	27.59	0.56	679.24
NHCW-12	706.42	10/12/2021	ARP	ARP	ARP	ARP
NHCW-12	706.42	10/27/2021	28.58	29.09	0.51	677.71
NHCW-13	704.81	2/22/2021	ND	17.98	0.00	686.83
NHCW-13	704.81	3/4/2021	17.85	18.89	1.04	686.68
NHCW-13	704.81	3/8/2021	NM	NM	NM	NM
NHCW-13	704.81	3/11/2021	18.06	19.75	1.69	686.30
NHCW-13	704.81	3/15/2021	18.12	20.18	2.06	686.14
NHCW-13	704.81	3/22/2021	16.94	20.87	3.93	686.82
NHCW-13	704.81	4/1/2021	15.71	20.22	4.51	687.90
NHCW-13	704.81	4/12/2021	ARP	ARP	ARP	ARP
NHCW-13	704.81	4/12/2021	ARP	ARP	ARP	ARP
NHCW-13	704.81	4/29/2021	18.65	19.54	0.89	685.92
NHCW-13	704.81	5/3/2021	ARP	ARP	ARP	ARP
NHCW-13	704.81	5/10/2021	ARP	ARP	ARP	ARP
NHCW-13	704.81	5/26/2021	19.71	21.47	1.76	684.63
NHCW-13	704.81	6/9/2021	20.24	22.39	2.15	684.00
NHCW-13	704.81	7/1/2021	21.25	22.67	1.42	683.18
NHCW-13	704.81	7/14/2021	21.67	23.18	1.51	682.74
NHCW-13	704.81	7/28/2021	22.10	23.41	1.31	682.36
NHCW-13	704.81	8/26/2021	23.66	24.67	1.01	680.88
NHCW-13	704.81	9/16/2021	24.83	25.64	0.81	679.77
NHCW-13	704.81	9/23/2021	25.15	25.95	0.80	679.45
NHCW-13	704.81	10/12/2021	ARP	ARP	ARP	ARP
NHCW-13	704.81	10/27/2021	26.69	27.56	0.87	677.89
NHCW-14	703.34	2/22/2021	ND	15.45	0.00	687.89
NHCW-14	703.34	3/4/2021	ND	16.78	0.00	686.56
NHCW-14	703.34	3/8/2021	ND	17.32	0.00	686.02
NHCW-14	703.34	3/15/2021	ND	17.44	0.00	685.90
NHCW-14	703.34	3/22/2021	ND	16.38	0.00	686.96
NHCW-14	703.34	4/1/2021	ND	15.49	0.00	687.85

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-14	703.34	4/12/2021	16.46	16.47	0.01	686.88
NHCW-14	703.34	4/19/2021	16.94	16.98	0.04	686.39
NHCW-14	703.34	4/29/2021	17.58	17.61	0.03	685.76
NHCW-14	703.34	5/3/2021	17.85	17.88	0.03	685.49
NHCW-14	703.34	5/10/2021	18.35	18.41	0.06	684.98
NHCW-14	703.34	5/18/2021	18.80	18.85	0.05	684.53
NHCW-14	703.34	5/26/2021	18.84	18.93	0.09	684.48
NHCW-14	703.34	5/31/2021	19.34	19.44	0.10	683.98
NHCW-14	703.34	6/7/2021	19.59	19.61	0.02	683.75
NHCW-14	703.34	6/14/2021	19.73	19.91	0.18	683.57
NHCW-14	703.34	6/21/2021	20.04	20.22	0.18	683.26
NHCW-14	703.34	7/1/2021	20.24	20.44	0.20	683.05
NHCW-14	703.34	7/6/2021	20.51	20.80	0.29	682.76
NHCW-14	703.34	7/14/2021	20.38	20.49	0.11	682.93
NHCW-14	703.34	7/28/2021	20.72	20.84	0.12	682.59
NHCW-14	703.34	8/26/2021	22.18	22.40	0.22	681.10
NHCW-14	703.34	9/16/2021	23.29	23.48	0.19	680.00
NHCW-14	703.34	9/23/2021	23.68	23.82	0.14	679.63
NHCW-14	703.34	10/12/2021	ARP	ARP	ARP	ARP
NHCW-14	703.34	10/27/2021	25.24	25.41	0.17	678.06
NHCW-15	702.64	2/22/2021	ND	16.26	0.00	686.38
NHCW-15	702.64	3/4/2021	ND	17.06	0.00	685.58
NHCW-15	702.64	3/8/2021	ND	17.54	0.00	685.10
NHCW-15	702.64	3/11/2021	ND	17.57	0.00	685.07
NHCW-15	702.64	3/15/2021	ND	17.74	0.00	684.90
NHCW-15	702.64	3/22/2021	ND	16.89	0.00	685.75
NHCW-15	702.64	4/1/2021	ND	16.11	0.00	686.53
NHCW-15	702.64	4/12/2021	ND	16.87	0.00	685.77
NHCW-15	702.64	4/19/2021	ND	17.34	0.00	685.30
NHCW-15	702.64	4/29/2021	ND	17.94	0.00	684.70
NHCW-15	702.64	5/3/2021	ND	18.10	0.00	684.54
NHCW-15	702.64	5/10/2021	ND	18.54	0.00	684.10
NHCW-15	702.64	5/18/2021	ND	19.01	0.00	683.63
NHCW-15	702.64	5/26/2021	ND	19.15	0.00	683.49
NHCW-15	702.64	5/31/2021	ND	19.60	0.00	683.04
NHCW-15	702.64	6/7/2021	ND	19.89	0.00	682.75
NHCW-15	702.64	6/14/2021	ND	20.03	0.00	682.61
NHCW-15	702.64	6/21/2021	ND	20.36	0.00	682.28
NHCW-15	702.64	7/1/2021	ND	20.55	0.00	682.09
NHCW-15	702.64	7/6/2021	ND	20.81	0.00	681.83
NHCW-15	702.64	7/14/2021	ND	20.98	0.00	681.66
NHCW-15	702.64	7/28/2021	ND	21.32	0.00	681.32

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-15	702.64	8/2/2021	ND	21.85	0.00	680.79
NHCW-15	702.64	8/16/2021	ND	22.39	0.00	680.25
NHCW-15	702.64	8/26/2021	ND	22.78	0.00	679.86
NHCW-15	702.64	8/30/2021	ND	23.24	0.00	679.40
NHCW-15	702.64	9/14/2021	ND	24.11	0.00	678.53
NHCW-15	702.64	9/16/2021	ND	23.94	0.00	678.70
NHCW-15	702.64	9/23/2021	ND	24.88	0.00	677.76
NHCW-15	702.64	10/6/2021	ND	25.28	0.00	677.36
NHCW-15	702.64	10/12/2021	ND	25.51	0.00	677.13
NHCW-15	702.64	10/18/2021	ND	25.79	0.00	676.85
NHCW-15	702.64	10/27/2021	ND	25.93	0.00	676.71
NHCW-15	702.64	11/1/2021	ND	26.12	0.00	676.52
NHCW-15	702.64	11/15/2021	ND	27.52	0.00	675.12
NHCW-16	704.99	2/22/2021	ND	20.32	0.00	684.67
NHCW-16	704.99	3/4/2021	ND	21.05	0.00	683.94
NHCW-16	704.99	3/8/2021	ND	21.35	0.00	683.64
NHCW-16	704.99	3/15/2021	ND	21.32	0.00	683.67
NHCW-16	704.99	3/22/2021	ND	21.43	0.00	683.56
NHCW-16	704.99	4/1/2021	ND	20.90	0.00	684.09
NHCW-16	704.99	4/12/2021	ND	21.15	0.00	683.84
NHCW-16	704.99	4/19/2021	ND	21.53	0.00	683.46
NHCW-16	704.99	4/29/2021	ND	21.83	0.00	683.16
NHCW-16	704.99	5/3/2021	ND	21.82	0.00	683.17
NHCW-16	704.99	5/10/2021	ND	22.17	0.00	682.82
NHCW-16	704.99	5/18/2021	ND	22.48	0.00	682.51
NHCW-16	704.99	5/26/2021	ND	22.56	0.00	682.43
NHCW-16	704.99	5/31/2021	ND	22.92	0.00	682.07
NHCW-16	704.99	6/7/2021	ND	23.23	0.00	681.76
NHCW-16	704.99	6/14/2021	ND	23.31	0.00	681.68
NHCW-16	704.99	6/21/2021	ND	23.57	0.00	681.42
NHCW-16	704.99	7/1/2021	ND	23.68	0.00	681.31
NHCW-16	704.99	7/6/2021	ND	23.89	0.00	681.10
NHCW-16	704.99	7/14/2021	23.95	23.98	0.03	681.03
NHCW-16	704.99	7/28/2021	24.44	24.46	0.02	680.54
NHCW-16	704.99	8/2/2021	24.95	24.96	0.01	680.04
NHCW-16	704.99	8/26/2021	ND	24.83	0.00	680.16
NHCW-16	704.99	9/16/2021	27.01	27.03	0.02	677.97
NHCW-16	704.99	9/23/2021	27.38	27.53	0.15	677.57
NHCW-16	704.99	10/12/2021	ARP	ARP	ARP	ARP
NHCW-16	704.99	10/27/2021	29.27	29.50	0.23	675.66
NHCW-17	705.83	2/22/2021	ND	22.42	0.00	683.41
NHCW-17	705.83	3/4/2021	ND	22.12	0.00	683.71

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-17	705.83	3/8/2021	ND	NM	NM	NM
NHCW-17	705.83	3/15/2021	ND	22.27	0.00	683.56
NHCW-17	705.83	3/22/2021	ND	22.36	0.00	683.47
NHCW-17	705.83	4/1/2021	ND	21.94	0.00	683.89
NHCW-17	705.83	4/12/2021	ND	22.04	0.00	683.79
NHCW-17	705.83	4/19/2021	ND	23.44	0.00	682.39
NHCW-17	705.83	4/29/2021	ND	22.84	0.00	682.99
NHCW-17	705.83	5/3/2021	ND	22.82	0.00	683.01
NHCW-17	705.83	5/10/2021	ND	23.19	0.00	682.64
NHCW-17	705.83	5/18/2021	ND	23.20	0.00	682.63
NHCW-17	705.83	5/26/2021	ND	23.39	0.00	682.44
NHCW-17	705.83	5/31/2021	ND	23.71	0.00	682.12
NHCW-17	705.83	6/7/2021	ND	24.01	0.00	681.82
NHCW-17	705.83	6/14/2021	ND	24.10	0.00	681.73
NHCW-17	705.83	6/21/2021	ND	24.38	0.00	681.45
NHCW-17	705.83	7/1/2021	ND	24.55	0.00	681.28
NHCW-17	705.83	7/6/2021	ND	24.72	0.00	681.11
NHCW-17	705.83	7/14/2021	ND	24.81	0.00	681.02
NHCW-17	705.83	7/28/2021	ND	25.32	0.00	680.51
NHCW-17	705.83	8/2/2021	ND	25.66	0.00	680.17
NHCW-17	705.83	8/16/2021	ND	26.30	0.00	679.53
NHCW-17	705.83	8/26/2021	ND	26.85	0.00	678.98
NHCW-17	705.83	8/30/2021	ND	27.23	0.00	678.60
NHCW-17	705.83	9/14/2021	ND	28.15	0.00	677.68
NHCW-17	705.83	9/23/2021	ND	28.48	0.00	677.35
NHCW-17	705.83	10/6/2021	ND	29.48	0.00	676.35
NHCW-17	705.83	10/12/2021	ND	29.79	0.00	676.04
NHCW-17	705.83	10/18/2021	ND	30.04	0.00	675.79
NHCW-17	705.83	10/27/2021	ND	30.33	0.00	675.50
NHCW-17	705.83	11/1/2021	ND	30.48	0.00	675.35
NHCW-17	705.83	11/15/2021	ND	31.63	0.00	674.20
NHCW-18	709.11	2/22/2021	ND	25.78	0.00	683.33
NHCW-18	709.11	3/4/2021	ND	25.54	0.00	683.57
NHCW-18	709.11	3/8/2021	ND	26.37	0.00	682.74
NHCW-18	709.11	3/15/2021	ND	25.66	0.00	683.45
NHCW-18	709.11	3/22/2021	ND	25.71	0.00	683.40
NHCW-18	709.11	4/1/2021	ND	25.29	0.00	683.82
NHCW-18	709.11	4/12/2021	ND	25.42	0.00	683.69
NHCW-18	709.11	4/19/2021	ND	26.85	0.00	682.26
NHCW-18	709.11	4/29/2021	ND	26.21	0.00	682.90
NHCW-18	709.11	5/3/2021	ND	26.22	0.00	682.89
NHCW-18	709.11	5/10/2021	ND	26.56	0.00	682.55

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-18	709.11	5/18/2021	ND	26.77	0.00	682.34
NHCW-18	709.11	5/26/2021	ND	23.89	0.00	685.22
NHCW-18	709.11	5/31/2021	ND	27.25	0.00	681.86
NHCW-18	709.11	6/7/2021	ND	27.58	0.00	681.53
NHCW-18	709.11	6/14/2021	ND	27.68	0.00	681.43
NHCW-18	709.11	6/21/2021	ND	27.95	0.00	681.16
NHCW-18	709.11	7/1/2021	ND	28.10	0.00	681.01
NHCW-18	709.11	7/6/2021	ND	28.27	0.00	680.84
NHCW-18	709.11	7/14/2021	ND	28.42	0.00	680.69
NHCW-18	709.11	7/28/2021	ND	28.84	0.00	680.27
NHCW-18	709.11	8/2/2021	ND	29.21	0.00	679.90
NHCW-18	709.11	8/16/2021	ND	29.83	0.00	679.28
NHCW-18	709.11	8/26/2021	ND	30.38	0.00	678.73
NHCW-18	709.11	8/30/2021	ND	29.72	0.00	679.39
NHCW-18	709.11	9/14/2021	ND	31.61	0.00	677.50
NHCW-18	709.11	9/23/2021	ND	31.97	0.00	677.14
NHCW-18	709.11	10/6/2021	ND	32.97	0.00	676.14
NHCW-18	709.11	10/12/2021	ND	33.27	0.00	675.84
NHCW-18	709.11	10/18/2021	ND	33.53	0.00	675.58
NHCW-18	709.11	10/27/2021	ND	33.82	0.00	675.29
NHCW-18	709.11	11/1/2021	ND	33.97	0.00	675.14
NHCW-18	709.11	11/15/2021	ND	35.08	0.00	674.03
NHCW-19	706.80	2/16/2021	ND	24.04	0.00	682.76
NHCW-19	706.80	2/22/2021	ND	23.48	0.00	683.32
NHCW-19	706.80	3/4/2021	ND	23.35	0.00	683.45
NHCW-19	706.80	3/8/2021	ND	23.65	0.00	683.15
NHCW-19	706.80	3/15/2021	ND	23.72	0.00	683.08
NHCW-19	706.80	3/22/2021	ND	23.59	0.00	683.21
NHCW-19	706.80	4/1/2021	ND	23.01	0.00	683.79
NHCW-19	706.80	4/12/2021	ND	23.48	0.00	683.32
NHCW-19	706.80	4/19/2021	ND	23.91	0.00	682.89
NHCW-19	706.80	4/29/2021	ND	24.18	0.00	682.62
NHCW-19	706.80	5/3/2021	ND	24.23	0.00	682.57
NHCW-19	706.80	5/10/2021	ND	24.50	0.00	682.30
NHCW-19	706.80	5/18/2021	ND	24.68	0.00	682.12
NHCW-19	706.80	5/26/2021	ND	24.88	0.00	681.92
NHCW-19	706.80	5/31/2021	ND	25.10	0.00	681.70
NHCW-19	706.80	6/7/2021	ND	25.44	0.00	681.36
NHCW-19	706.80	6/14/2021	ND	25.49	0.00	681.31
NHCW-19	706.80	6/21/2021	ND	25.74	0.00	681.06
NHCW-19	706.80	7/1/2021	ND	26.85	0.00	679.95
NHCW-19	706.80	7/6/2021	ND	26.07	0.00	680.73

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-19	706.80	7/14/2021	ND	26.16	0.00	680.64
NHCW-19	706.80	7/28/2021	ND	26.57	0.00	680.23
NHCW-19	706.80	8/2/2021	ND	26.98	0.00	679.82
NHCW-19	706.80	8/16/2021	ND	27.58	0.00	679.22
NHCW-19	706.80	8/26/2021	ND	28.06	0.00	678.74
NHCW-19	706.80	8/30/2021	ND	28.44	0.00	678.36
NHCW-19	706.80	9/14/2021	ND	29.30	0.00	677.50
NHCW-19	706.80	9/23/2021	ND	29.60	0.00	677.20
NHCW-19	706.80	10/6/2021	ND	30.65	0.00	676.15
NHCW-19	706.80	10/12/2021	ND	30.93	0.00	675.87
NHCW-19	706.80	10/18/2021	ND	31.22	0.00	675.58
NHCW-19	706.80	10/27/2021	ND	31.36	0.00	675.44
NHCW-19	706.80	11/1/2021	ND	31.53	0.00	675.27
NHCW-19	706.80	11/15/2021	ND	32.82	0.00	673.98
NHCW-20	709.03	2/16/2021	ND	26.37	0.00	682.66
NHCW-20	709.03	2/22/2021	ND	25.86	0.00	683.17
NHCW-20	709.03	3/4/2021	ND	25.76	0.00	683.27
NHCW-20	709.03	3/8/2021	ND	25.92	0.00	683.11
NHCW-20	709.03	3/15/2021	ND	25.99	0.00	683.04
NHCW-20	709.03	3/22/2021	ND	25.94	0.00	683.09
NHCW-20	709.03	4/1/2021	ND	25.46	0.00	683.57
NHCW-20	709.03	4/12/2021	ND	35.80	0.00	673.23
NHCW-20	709.03	4/19/2021	ND	26.17	0.00	682.86
NHCW-20	709.03	4/29/2021	ND	26.44	0.00	682.59
NHCW-20	709.03	5/3/2021	ND	26.50	0.00	682.53
NHCW-20	709.03	5/10/2021	ND	26.72	0.00	682.31
NHCW-20	709.03	5/18/2021	ND	26.83	0.00	682.20
NHCW-20	709.03	5/26/2021	ND	26.99	0.00	682.04
NHCW-20	709.03	5/31/2021	ND	27.22	0.00	681.81
NHCW-20	709.03	6/7/2021	ND	27.51	0.00	681.52
NHCW-20	709.03	6/14/2021	ND	27.60	0.00	681.43
NHCW-20	709.03	6/21/2021	ND	27.83	0.00	681.20
NHCW-20	709.03	7/1/2021	ND	27.98	0.00	681.05
NHCW-20	709.03	7/6/2021	ND	28.14	0.00	680.89
NHCW-20	709.03	7/14/2021	ND	28.25	0.00	680.78
NHCW-20	709.03	7/28/2021	ND	28.65	0.00	680.38
NHCW-20	709.03	8/2/2021	ND	29.09	0.00	679.94
NHCW-20	709.03	8/16/2021	ND	29.62	0.00	679.41
NHCW-20	709.03	8/26/2021	ND	30.15	0.00	678.88
NHCW-20	709.03	8/30/2021	ND	36.52	0.00	672.51
NHCW-20	709.03	9/14/2021	ND	31.33	0.00	677.70
NHCW-20	709.03	9/23/2021	ND	31.68	0.00	677.35

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-20	709.03	10/6/2021	ND	32.72	0.00	676.31
NHCW-20	709.03	10/12/2021	ND	33.00	0.00	676.03
NHCW-20	709.03	10/18/2021	ND	33.29	0.00	675.74
NHCW-20	709.03	10/27/2021	ND	33.43	0.00	675.60
NHCW-20	709.03	11/1/2021	ND	33.59	0.00	675.44
NHCW-20	709.03	11/15/2021	ND	34.87	0.00	674.16
NHCW-21	709.90	2/16/2021	ND	31.29	0.00	678.61
NHCW-21	709.90	2/22/2021	ND	27.03	0.00	682.87
NHCW-21	709.90	3/4/2021	ND	NM	NM	NM
NHCW-21	709.90	3/8/2021	ND	26.97	0.00	682.93
NHCW-21	709.90	3/15/2021	ND	27.00	0.00	682.90
NHCW-21	709.90	3/22/2021	ND	26.96	0.00	682.94
NHCW-21	709.90	4/1/2021	ND	26.62	0.00	683.28
NHCW-21	709.90	4/12/2021	ND	26.81	0.00	683.09
NHCW-21	709.90	4/19/2021	ND	27.17	0.00	682.73
NHCW-21	709.90	4/29/2021	ND	27.32	0.00	682.58
NHCW-21	709.90	5/3/2021	ND	27.35	0.00	682.55
NHCW-21	709.90	5/10/2021	ND	27.51	0.00	682.39
NHCW-21	709.90	5/18/2021	ND	27.57	0.00	682.33
NHCW-21	709.90	5/26/2021	ND	27.69	0.00	682.21
NHCW-21	709.90	5/31/2021	ND	27.91	0.00	681.99
NHCW-21	709.90	6/7/2021	ND	28.14	0.00	681.76
NHCW-21	709.90	6/14/2021	ND	28.22	0.00	681.68
NHCW-21	709.90	6/21/2021	ND	28.43	0.00	681.47
NHCW-21	709.90	7/1/2021	ND	28.55	0.00	681.35
NHCW-21	709.90	7/6/2021	ND	28.73	0.00	681.17
NHCW-21	709.90	7/14/2021	ND	28.81	0.00	681.09
NHCW-21	709.90	7/28/2021	ND	29.20	0.00	680.70
NHCW-21	709.90	8/2/2021	ND	29.60	0.00	680.30
NHCW-21	709.90	8/16/2021	ND	30.18	0.00	679.72
NHCW-21	709.90	8/26/2021	ND	30.66	0.00	679.24
NHCW-21	709.90	8/30/2021	ND	31.00	0.00	678.90
NHCW-21	709.90	9/14/2021	ND	31.82	0.00	678.08
NHCW-21	709.90	9/23/2021	ND	32.15	0.00	677.75
NHCW-21	709.90	10/6/2021	ND	33.18	0.00	676.72
NHCW-21	709.90	10/12/2021	ND	33.45	0.00	676.45
NHCW-21	709.90	10/18/2021	ND	33.74	0.00	676.16
NHCW-21	709.90	10/27/2021	ND	33.85	0.00	676.05
NHCW-21	709.90	11/1/2021	ND	34.04	0.00	675.86
NHCW-21	709.90	11/15/2021	ND	35.31	0.00	674.59
NHCW-22	712.70	2/16/2021	ND	29.58	0.00	683.12
NHCW-22	712.70	2/22/2021	ND	30.14	0.00	682.56

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-22	712.70	3/4/2021	ND	30.11	0.00	682.59
NHCW-22	712.70	3/8/2021	ND	30.02	0.00	682.68
NHCW-22	712.70	3/15/2021	ND	29.98	0.00	682.72
NHCW-22	712.70	3/22/2021	ND	30.01	0.00	682.69
NHCW-22	712.70	4/1/2021	ND	29.72	0.00	682.98
NHCW-22	712.70	4/12/2021	ND	29.83	0.00	682.87
NHCW-22	712.70	4/19/2021	ND	30.03	0.00	682.67
NHCW-22	712.70	4/29/2021	ND	29.99	0.00	682.71
NHCW-22	712.70	5/3/2021	ND	29.98	0.00	682.72
NHCW-22	712.70	5/10/2021	ND	30.10	0.00	682.60
NHCW-22	712.70	5/18/2021	ND	30.13	0.00	682.57
NHCW-22	712.70	5/26/2021	ND	30.21	0.00	682.49
NHCW-22	712.70	5/31/2021	ND	30.37	0.00	682.33
NHCW-22	712.70	6/7/2021	ND	30.62	0.00	682.08
NHCW-22	712.70	6/14/2021	ND	30.66	0.00	682.04
NHCW-22	712.70	6/21/2021	ND	30.83	0.00	681.87
NHCW-22	712.70	7/1/2021	ND	30.91	0.00	681.79
NHCW-22	712.70	7/6/2021	ND	31.12	0.00	681.58
NHCW-22	712.70	7/14/2021	ND	31.15	0.00	681.55
NHCW-22	712.70	7/28/2021	ND	31.53	0.00	681.17
NHCW-22	712.70	8/2/2021	ND	31.95	0.00	680.75
NHCW-22	712.70	8/16/2021	ND	32.44	0.00	680.26
NHCW-22	712.70	8/26/2021	ND	32.85	0.00	679.85
NHCW-22	712.70	8/30/2021	ND	32.23	0.00	680.47
NHCW-22	712.70	9/14/2021	ND	34.12	0.00	678.58
NHCW-22	712.70	9/23/2021	ND	34.32	0.00	678.38
NHCW-22	712.70	10/6/2021	ND	35.32	0.00	677.38
NHCW-22	712.70	10/12/2021	ND	35.55	0.00	677.15
NHCW-22	712.70	10/18/2021	ND	35.83	0.00	676.87
NHCW-22	712.70	10/27/2021	ND	35.85	0.00	676.85
NHCW-22	712.70	11/1/2021	ND	36.08	0.00	676.62
NHCW-22	712.70	11/15/2021	ND	37.44	0.00	675.26
NHCW-23	715.10	2/16/2021	ND	31.68	0.00	683.42
NHCW-23	715.10	2/22/2021	ND	32.55	0.00	682.55
NHCW-23	715.10	3/4/2021	ND	32.95	0.00	682.15
NHCW-23	715.10	3/8/2021	ND	32.40	0.00	682.70
NHCW-23	715.10	3/15/2021	ND	32.35	0.00	682.75
NHCW-23	715.10	3/22/2021	ND	32.39	0.00	682.71
NHCW-23	715.10	4/1/2021	ND	32.15	0.00	682.95
NHCW-23	715.10	4/12/2021	ND	32.20	0.00	682.90
NHCW-23	715.10	4/19/2021	ND	32.32	0.00	682.78
NHCW-23	715.10	4/29/2021	ND	32.26	0.00	682.84

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-23	715.10	5/3/2021	ND	32.24	0.00	682.86
NHCW-23	715.10	5/10/2021	ND	32.32	0.00	682.78
NHCW-23	715.10	5/18/2021	ND	32.32	0.00	682.78
NHCW-23	715.10	5/26/2021	ND	32.43	0.00	682.67
NHCW-23	715.10	5/31/2021	ND	32.54	0.00	682.56
NHCW-23	715.10	6/7/2021	ND	32.78	0.00	682.32
NHCW-23	715.10	6/14/2021	ND	32.80	0.00	682.30
NHCW-23	715.10	6/21/2021	ND	32.98	0.00	682.12
NHCW-23	715.10	7/1/2021	ND	33.02	0.00	682.08
NHCW-23	715.10	7/6/2021	ND	33.23	0.00	681.87
NHCW-23	715.10	7/14/2021	ND	33.23	0.00	681.87
NHCW-23	715.10	7/28/2021	ND	33.64	0.00	681.46
NHCW-23	715.10	8/2/2021	ND	34.07	0.00	681.03
NHCW-23	715.10	8/16/2021	ND	34.50	0.00	680.60
NHCW-23	715.10	8/26/2021	ND	34.90	0.00	680.20
NHCW-23	715.10	8/30/2021	ND	35.25	0.00	679.85
NHCW-23	715.10	9/14/2021	ND	36.12	0.00	678.98
NHCW-23	715.10	9/23/2021	ND	36.34	0.00	678.76
NHCW-23	715.10	10/6/2021	ND	37.28	0.00	677.82
NHCW-23	715.10	10/12/2021	ND	37.54	0.00	677.56
NHCW-23	715.10	10/18/2021	ND	37.78	0.00	677.32
NHCW-23	715.10	10/27/2021	ND	37.83	0.00	677.27
NHCW-23	715.10	11/1/2021	ND	38.08	0.00	677.02
NHCW-23	715.10	11/15/2021	ND	39.35	0.00	675.75
NHCW-24	717.38	2/16/2021	ND	34.91	0.00	682.47
NHCW-24	717.38	2/22/2021	ND	34.77	0.00	682.61
NHCW-24	717.38	3/4/2021	ND	NM	NM	NM
NHCW-24	717.38	3/8/2021	ND	35.61	0.00	681.77
NHCW-24	717.38	3/15/2021	ND	34.54	0.00	682.84
NHCW-24	717.38	3/22/2021	ND	34.55	0.00	682.83
NHCW-24	717.38	4/1/2021	ND	34.32	0.00	683.06
NHCW-24	717.38	4/12/2021	ND	34.32	0.00	683.06
NHCW-24	717.38	4/19/2021	ND	34.40	0.00	682.98
NHCW-24	717.38	4/29/2021	ND	34.30	0.00	683.08
NHCW-24	717.38	5/3/2021	ND	34.26	0.00	683.12
NHCW-24	717.38	5/10/2021	ND	34.31	0.00	683.07
NHCW-24	717.38	5/18/2021	ND	34.30	0.00	683.08
NHCW-24	717.38	5/26/2021	ND	34.34	0.00	683.04
NHCW-24	717.38	5/31/2021	ND	34.50	0.00	682.88
NHCW-24	717.38	6/7/2021	ND	34.72	0.00	682.66
NHCW-24	717.38	6/14/2021	ND	34.74	0.00	682.64
NHCW-24	717.38	6/21/2021	ND	34.92	0.00	682.46

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-24	717.38	7/1/2021	ND	34.98	0.00	682.40
NHCW-24	717.38	7/6/2021	ND	35.20	0.00	682.18
NHCW-24	717.38	7/14/2021	ND	35.23	0.00	682.15
NHCW-24	717.38	7/28/2021	ND	35.56	0.00	681.82
NHCW-24	717.38	8/2/2021	ND	35.97	0.00	681.41
NHCW-24	717.38	8/16/2021	ND	36.40	0.00	680.98
NHCW-24	717.38	8/26/2021	ND	36.56	0.00	680.82
NHCW-24	717.38	8/30/2021	ND	37.06	0.00	680.32
NHCW-24	717.38	9/14/2021	ND	37.92	0.00	679.46
NHCW-24	717.38	9/23/2021	ND	38.13	0.00	679.25
NHCW-24	717.38	10/6/2021	ND	38.98	0.00	678.40
NHCW-24	717.38	10/12/2021	ND	39.21	0.00	678.17
NHCW-24	717.38	10/18/2021	ND	39.41	0.00	677.97
NHCW-24	717.38	10/27/2021	ND	39.55	0.00	677.83
NHCW-24	717.38	11/1/2021	ND	39.82	0.00	677.56
NHCW-24	717.38	11/15/2021	ND	41.01	0.00	676.37
NHCW-25	720.83	2/16/2021	ND	36.40	0.00	684.43
NHCW-25	720.83	2/22/2021	ND	38.02	0.00	682.81
NHCW-25	720.83	3/4/2021	ND	38.22	0.00	682.61
NHCW-25	720.83	3/8/2021	ND	37.93	0.00	682.90
NHCW-25	720.83	3/15/2021	ND	37.82	0.00	683.01
NHCW-25	720.83	3/22/2021	ND	37.80	0.00	683.03
NHCW-25	720.83	4/1/2021	ND	37.60	0.00	683.23
NHCW-25	720.83	4/12/2021	ND	37.51	0.00	683.32
NHCW-25	720.83	4/19/2021	ND	37.57	0.00	683.26
NHCW-25	720.83	4/29/2021	ND	37.36	0.00	683.47
NHCW-25	720.83	5/3/2021	ND	37.34	0.00	683.49
NHCW-25	720.83	5/10/2021	ND	37.35	0.00	683.48
NHCW-25	720.83	5/18/2021	ND	37.36	0.00	683.47
NHCW-25	720.83	5/26/2021	ND	37.43	0.00	683.40
NHCW-25	720.83	5/31/2021	ND	37.51	0.00	683.32
NHCW-25	720.83	6/7/2021	ND	37.74	0.00	683.09
NHCW-25	720.83	6/14/2021	ND	37.76	0.00	683.07
NHCW-25	720.83	6/21/2021	ND	37.95	0.00	682.88
NHCW-25	720.83	7/1/2021	ND	38.00	0.00	682.83
NHCW-25	720.83	7/6/2021	ND	38.22	0.00	682.61
NHCW-25	720.83	7/14/2021	ND	38.26	0.00	682.57
NHCW-25	720.83	7/28/2021	ND	38.59	0.00	682.24
NHCW-25	720.83	8/2/2021	ND	38.99	0.00	681.84
NHCW-25	720.83	8/16/2021	ND	39.35	0.00	681.48
NHCW-25	720.83	8/26/2021	ND	39.69	0.00	681.14
NHCW-25	720.83	8/30/2021	ND	39.95	0.00	680.88

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-25	720.83	9/14/2021	ND	40.73	0.00	680.10
NHCW-25	720.83	9/23/2021	ND	40.94	0.00	679.89
NHCW-25	720.83	10/6/2021	ND	41.72	0.00	679.11
NHCW-25	720.83	10/12/2021	ND	41.94	0.00	678.89
NHCW-25	720.83	10/18/2021	ND	42.18	0.00	678.65
NHCW-25	720.83	10/27/2021	ND	42.30	0.00	678.53
NHCW-25	720.83	11/1/2021	ND	42.57	0.00	678.26
NHCW-25	720.83	11/15/2021	ND	43.62	0.00	677.21
NHCW-26	723.09	2/16/2021	ND	37.23	0.00	685.86
NHCW-26	723.09	2/22/2021	ND	39.46	0.00	683.63
NHCW-26	723.09	3/4/2021	ND	39.44	0.00	683.65
NHCW-26	723.09	3/8/2021	ND	39.45	0.00	683.64
NHCW-26	723.09	3/15/2021	ND	39.31	0.00	683.78
NHCW-26	723.09	3/22/2021	ND	39.26	0.00	683.83
NHCW-26	723.09	4/1/2021	ND	39.12	0.00	683.97
NHCW-26	723.09	4/12/2021	ND	38.94	0.00	684.15
NHCW-26	723.09	4/19/2021	ND	38.91	0.00	684.18
NHCW-26	723.09	4/29/2021	ND	38.72	0.00	684.37
NHCW-26	723.09	5/3/2021	ND	38.62	0.00	684.47
NHCW-26	723.09	5/10/2021	ND	38.61	0.00	684.48
NHCW-26	723.09	5/18/2021	ND	38.59	0.00	684.50
NHCW-26	723.09	5/26/2021	ND	38.60	0.00	684.49
NHCW-26	723.09	5/31/2021	ND	38.67	0.00	684.42
NHCW-26	723.09	6/7/2021	ND	38.77	0.00	684.32
NHCW-26	723.09	6/14/2021	ND	38.82	0.00	684.27
NHCW-26	723.09	6/21/2021	ND	38.98	0.00	684.11
NHCW-26	723.09	7/1/2021	ND	39.06	0.00	684.03
NHCW-26	723.09	7/6/2021	ND	39.23	0.00	683.86
NHCW-26	723.09	7/14/2021	ND	39.33	0.00	683.76
NHCW-26	723.09	7/28/2021	ND	39.63	0.00	683.46
NHCW-26	723.09	8/2/2021	ND	39.92	0.00	683.17
NHCW-26	723.09	8/16/2021	ND	40.24	0.00	682.85
NHCW-26	723.09	8/26/2021	ND	40.57	0.00	682.52
NHCW-26	723.09	8/30/2021	ND	40.69	0.00	682.40
NHCW-26	723.09	9/14/2021	ND	41.25	0.00	681.84
NHCW-26	723.09	9/23/2021	ND	41.63	0.00	681.46
NHCW-26	723.09	10/6/2021	ND	42.17	0.00	680.92
NHCW-26	723.09	10/12/2021	ND	42.33	0.00	680.76
NHCW-26	723.09	10/18/2021	ND	42.57	0.00	680.52
NHCW-26	723.09	10/27/2021	ND	42.79	0.00	680.30
NHCW-26	723.09	11/1/2021	ND	42.98	0.00	680.11
NHCW-26	723.09	11/15/2021	ND	43.82	0.00	679.27

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-27	724.18	2/22/2021	ND	40.08	0.00	684.10
NHCW-27	724.18	3/4/2021	ND	40.05	0.00	684.13
NHCW-27	724.18	3/8/2021	ND	40.06	0.00	684.12
NHCW-27	724.18	3/15/2021	ND	39.95	0.00	684.23
NHCW-27	724.18	3/22/2021	ND	39.92	0.00	684.26
NHCW-27	724.18	4/1/2021	ND	39.77	0.00	684.41
NHCW-27	724.18	4/12/2021	ND	39.62	0.00	684.56
NHCW-27	724.18	4/19/2021	ND	39.62	0.00	684.56
NHCW-27	724.18	4/29/2021	ND	39.39	0.00	684.79
NHCW-27	724.18	5/3/2021	ND	39.31	0.00	684.87
NHCW-27	724.18	5/10/2021	ND	39.27	0.00	684.91
NHCW-27	724.18	5/18/2021	ND	39.22	0.00	684.96
NHCW-27	724.18	5/26/2021	ND	39.23	0.00	684.95
NHCW-27	724.18	5/31/2021	ND	39.29	0.00	684.89
NHCW-27	724.18	6/7/2021	ND	39.41	0.00	684.77
NHCW-27	724.18	6/14/2021	ND	39.44	0.00	684.74
NHCW-27	724.18	6/21/2021	ND	39.60	0.00	684.58
NHCW-27	724.18	7/1/2021	ND	39.68	0.00	684.50
NHCW-27	724.18	7/6/2021	ND	39.85	0.00	684.33
NHCW-27	724.18	7/14/2021	ND	40.61	0.00	683.57
NHCW-27	724.18	7/28/2021	ND	40.20	0.00	683.98
NHCW-27	724.18	8/2/2021	ND	40.51	0.00	683.67
NHCW-27	724.18	8/16/2021	ND	40.85	0.00	683.33
NHCW-27	724.18	8/26/2021	ND	41.10	0.00	683.08
NHCW-27	724.18	8/30/2021	ND	41.26	0.00	682.92
NHCW-27	724.18	9/14/2021	ND	41.90	0.00	682.28
NHCW-27	724.18	9/23/2021	ND	42.12	0.00	682.06
NHCW-27	724.18	10/6/2021	ND	42.72	0.00	681.46
NHCW-27	724.18	10/12/2021	ND	42.89	0.00	681.29
NHCW-27	724.18	10/18/2021	ND	43.11	0.00	681.07
NHCW-27	724.18	10/27/2021	ND	43.28	0.00	680.90
NHCW-27	724.18	11/1/2021	ND	43.52	0.00	680.66
NHCW-27	724.18	11/15/2021	ND	44.42	0.00	679.76
NHCW-28	725.46	2/16/2021	ND	38.22	0.00	687.24
NHCW-28	725.46	2/22/2021	ND	39.54	0.00	685.92
NHCW-28	725.46	3/4/2021	ND	38.51	0.00	686.95
NHCW-28	725.46	3/8/2021	ND	39.55	0.00	685.91
NHCW-28	725.46	3/15/2021	ND	39.45	0.00	686.01
NHCW-28	725.46	3/22/2021	ND	39.47	0.00	685.99
NHCW-28	725.46	4/1/2021	ND	39.34	0.00	686.12
NHCW-28	725.46	4/12/2021	ND	39.26	0.00	686.20
NHCW-28	725.46	4/19/2021	ND	39.28	0.00	686.18

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-28	725.46	4/29/2021	ND	39.10	0.00	686.36
NHCW-28	725.46	5/3/2021	ND	39.03	0.00	686.43
NHCW-28	725.46	5/10/2021	ND	39.04	0.00	686.42
NHCW-28	725.46	5/18/2021	ND	39.01	0.00	686.45
NHCW-28	725.46	5/26/2021	ND	39.01	0.00	686.45
NHCW-28	725.46	5/31/2021	ND	39.04	0.00	686.42
NHCW-28	725.46	6/7/2021	ND	39.15	0.00	686.31
NHCW-28	725.46	6/14/2021	ND	39.12	0.00	686.34
NHCW-28	725.46	6/21/2021	ND	39.32	0.00	686.14
NHCW-28	725.46	7/1/2021	ND	39.33	0.00	686.13
NHCW-28	725.46	7/6/2021	ND	39.45	0.00	686.01
NHCW-28	725.46	7/14/2021	ND	40.46	0.00	685.00
NHCW-28	725.46	7/28/2021	ND	39.79	0.00	685.67
NHCW-28	725.46	8/2/2021	ND	40.13	0.00	685.33
NHCW-28	725.46	8/16/2021	ND	40.44	0.00	685.02
NHCW-28	725.46	8/26/2021	ND	40.64	0.00	684.82
NHCW-28	725.46	8/30/2021	ND	40.85	0.00	684.61
NHCW-28	725.46	9/14/2021	ND	41.45	0.00	684.01
NHCW-28	725.46	9/23/2021	ND	41.67	0.00	683.79
NHCW-28	725.46	10/6/2021	ND	42.16	0.00	683.30
NHCW-28	725.46	10/12/2021	ND	42.33	0.00	683.13
NHCW-28	725.46	10/18/2021	ND	42.51	0.00	682.95
NHCW-28	725.46	10/27/2021	ND	42.62	0.00	682.84
NHCW-28	725.46	11/1/2021	ND	42.87	0.00	682.59
NHCW-28	725.46	11/15/2021	ND	43.88	0.00	681.58
NHCW-29	728.13	2/22/2021	ND	40.76	0.00	687.37
NHCW-29	728.13	3/4/2021	ND	38.73	0.00	689.40
NHCW-29	728.13	3/8/2021	ND	40.79	0.00	687.34
NHCW-29	728.13	3/15/2021	ND	40.68	0.00	687.45
NHCW-29	728.13	3/22/2021	ND	40.67	0.00	687.46
NHCW-29	728.13	4/1/2021	ND	40.60	0.00	687.53
NHCW-29	728.13	4/12/2021	ND	40.49	0.00	687.64
NHCW-29	728.13	4/19/2021	ND	40.56	0.00	687.57
NHCW-29	728.13	4/29/2021	ND	40.33	0.00	687.80
NHCW-29	728.13	5/3/2021	ND	40.27	0.00	687.86
NHCW-29	728.13	5/10/2021	ND	40.25	0.00	687.88
NHCW-29	728.13	5/18/2021	ND	40.21	0.00	687.92
NHCW-29	728.13	5/26/2021	ND	40.28	0.00	687.85
NHCW-29	728.13	5/31/2021	ND	40.24	0.00	687.89
NHCW-29	728.13	6/7/2021	ND	40.34	0.00	687.79
NHCW-29	728.13	6/14/2021	ND	40.32	0.00	687.81
NHCW-29	728.13	6/21/2021	ND	40.46	0.00	687.67

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
NHCW-29	728.13	7/1/2021	ND	40.50	0.00	687.63
NHCW-29	728.13	7/6/2021	ND	40.61	0.00	687.52
NHCW-29	728.13	7/14/2021	ND	40.68	0.00	687.45
NHCW-29	728.13	7/28/2021	ND	40.94	0.00	687.19
NHCW-29	728.13	8/2/2021	ND	41.22	0.00	686.91
NHCW-29	728.13	8/16/2021	ND	51.49	0.00	676.64
NHCW-29	728.13	8/26/2021	ND	41.72	0.00	686.41
NHCW-29	728.13	8/30/2021	ND	41.79	0.00	686.34
NHCW-29	728.13	9/14/2021	ND	42.31	0.00	685.82
NHCW-29	728.13	9/23/2021	ND	42.55	0.00	685.58
NHCW-29	728.13	10/6/2021	ND	42.87	0.00	685.26
NHCW-29	728.13	10/12/2021	ND	43.02	0.00	685.11
NHCW-29	728.13	10/18/2021	ND	43.18	0.00	684.95
NHCW-29	728.13	10/27/2021	ND	43.33	0.00	684.80
NHCW-29	728.13	11/1/2021	ND	43.50	0.00	684.63
NHCW-29	728.13	11/15/2021	ND	44.10	0.00	684.03

Notes:
ft btoc = Feet Below Top of Casing
N/A = Not Applicable
RW = Recovery Well
HCW = Hydraulic Control Well
NCHW = North Hydraulic Control Well
ND = No free product was detected in well
NW = No water measured; well contained product only
Dry = Well was dry; no free product or water detected in well
ARP = Active Recovery Pump in Well
NM = Not Measured
[1] = Elevations surveyed in feet using the NAVD88 vertical datum
[2] = Corrected Groundwater Elevation = (Top of Casing - Depth to Water) + (Free Product Thickness x 0.7324)

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Surficial Unit Monitoring Wells																																			
92493062	MW-1_20200828	MW-01	08/28/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-1_20201021	MW-01	10/21/2020	**50.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-01_20201130	MW-01	11/30/2020	**43.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-1_20210104	MW-01	01/04/2021	**15**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-1_20210209	MW-01	02/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-01_20210311	MW-01	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92527327	DUP-1-20210311	MW-01	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-01_20210408	MW-01	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-01_20210506	MW-01	05/06/2021	**7.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.35J**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-01_20210603	MW-01	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.34J**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	DUP-1-20210603	MW-01	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.35J**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-01_20210709	MW-01	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-01_20210805	MW-01	08/05/2021	**10.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-01_20210902	MW-01	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92565572	MW-01_20211007	MW-01	10/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-01_20211104	MW-01	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92493062	MW-2_20200828	MW-02	08/28/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-2_20201021	MW-02	10/21/2020	**19.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-02_20201130	MW-02	11/30/2020	**20.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-2_20210104	MW-02	01/04/2021	**12.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-2_20210208	MW-02	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-02_20210311	MW-02	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-02_20210408	MW-02	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-02_20210507	MW-02	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-02_20210604	MW-02	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-02_20210708	MW-02	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	DUP-2-20210708	MW-02	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554285	MW-02_20210806	MW-02	08/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-02_20210901	MW-02	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563487	MW-02_20210927	MW-02	09/27/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-02_20211104	MW-02	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92493062	MW-3_20200828	MW-03	08/28/2020	<10	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-3_20201022	MW-03	10/22/2020	**9.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-3_20201130	MW-03	11/30/2020	**13.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-3_20210104	MW-03	01/04/2021	**18.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-03_20210208	MW-03	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526618	MW-03_20210309	MW-03	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92530256	MW-03_20210407	MW-03	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-03_20210506	MW-03	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.49J**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-03_20210604	MW-03	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**0.43J**	<1	**0.43J**	<50	<50	<50	<50
92548787	MW-03_20210709	MW-03	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.51**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-03_20210805	MW-03	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.55**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-03_20210902	MW-03	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564492	MW-03_20211001	MW-03	10/01/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	**0.22J**	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**2.70**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.76J**	**0.46J**	**0.3J**	**130**	<100	<100	NA
92570816	MW-03_20211104	MW-03	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**6.40**	<0.5	<1	<0.5	<0.5	<1	**0.66**	<1	**0.66**	**2110**	<50	<50	**2120**

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92493708	MW-4_20200902	MW-04	09/02/2020	<25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-4_20201021	MW-04	10/21/2020	**19.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-04_20201130	MW-04	11/30/2020	**16.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-4_20210104	MW-04	01/04/2021	**14.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-4_20210208	MW-04	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527475	MW-04_20210312	MW-04	03/12/2021	**5.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-04_20210408	MW-04	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-04_20210507	MW-04	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-04_20210603	MW-04	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-04_20210709	MW-04	07/09/2021	<5	**0.43J**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.60**	<0.5	<1	<0.5	<0.5	<1	**0.4J**	<1	**0.4J**	<50	<50	<50	<50
92551297	MW-04_20210722	MW-04	07/22/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92554285	MW-04_20210806	MW-04	08/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-04_20210901	MW-04	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563487	MW-04_20210927	MW-04	09/27/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	NA
92563487	DUP-1-20210927	MW-04	09/27/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-04_20211104	MW-04	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92493708	MW-5_20200902	MW-05	09/02/2020	<25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-5_20201021	MW-05	10/21/2020	**19.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-05_20201130	MW-05	11/30/2020	**13.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-05_20210104	MW-05	01/04/2021	**46**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-5_20210209	MW-05	02/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	MW-05_20210310	MW-05	03/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531581	MW-05_20210406	MW-05	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-05_20210506	MW-05	05/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-05_20210603	MW-05	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.1**	<0.5	<1	<0.5	<0.5	<1	**3.8**	**2.6**	**1.2**	<50	<50	<50	<50
92548527	MW-05_20210708	MW-05	07/08/2021	<5	**0.69**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**0.47J**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.1**	<0.5	<1	<0.5	<0.5	<1	**2.64**	**1.8**	**0.84**	<50	<50	<50	<50
92551297	MW-05_20210722	MW-05	07/22/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.4**	<0.5	<1	<0.5	<0.5	<1	**1.68**	**1**	**0.68**	NA	NA	NA	NA
92551297	DUP-1-20210722	MW-05	07/22/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.3**	<0.5	<1	<0.5	<0.5	<1	**1.68**	**1.1**	**0.58**	NA	NA	NA	NA
92554285	MW-05_20210806	MW-05	08/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-05_20210901	MW-05	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563487	MW-05_20210927	MW-05	09/27/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-05_20211104	MW-05	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92493708	MW-6_20200902	MW-06	09/02/2020	<25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-6_20201021	MW-06	10/21/2020	**33.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-06_20201130	MW-06	11/30/2020	**23.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-6_20210104	MW-06	01/04/2021	**19.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-6_20210208	MW-06	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-06_20210311	MW-06	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-06_20210408	MW-06	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.76**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	DUP-1-20210408	MW-06	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.78**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-06_20210506	MW-06	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541993	MW-06_20210602	MW-06	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-06_20210708	MW-06	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-06_20210804	MW-06	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-06_20210901	MW-06	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563487	MW-06_20210927	MW-06	09/27/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-06_20211104	MW-06	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																										MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	70	3000	70	3	100	0.4	0.4	70	600	0.4	70	5	20	6	70	70	0.7	600	3	2000	400	400	0.03	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92493708	MW-7_20200902	MW-07	09/02/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	MW-7_20201023	MW-07	10/23/2020	**73.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.0**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-7_20201130	MW-07	11/30/2020	**35.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-7_20210104	MW-07	01/04/2021	**78**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521871	MW-7_20210211	MW-07	02/11/2021	**57.1**	**3.6**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**4.0**	<2	<0.5	<2	<0.5	<2	**0.66**	<0.5	<0.5	**24.3**	<0.5	<1	**0.6**	<0.5	<1	**12.7**	**7.4**	**5.3**	<100	<100	<100	**182**
92526977	MW-07_20210310	MW-07	03/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92532417	MW-07_20210408	MW-07	04/08/2021	**6.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-07_20210506	MW-07	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-07_20210603	MW-07	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-07_20210708	MW-07	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-07_20210805	MW-07	08/05/2021	<5	**0.79**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**1.4**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**8.3**	<0.5	<1	**0.79**	<0.5	<1	**7.7**	**5**	**2.7**	<50	<50	<50	**67.4**
92559014	MW-07_20210901	MW-07	09/01/2021	<5	**53.3**	<2	<2	<2	<4	<2	<4	<2	<2	<2	<0.5	**43.5**	<8	<2	<8	**2.6**	**5.7J**	<2	<2	<2	**428**	<2	<4	**23.1**	<2	<4	**282**	**160**	**122**	**2,800**	**742**	**104**	**3,640**
92561826	MW-07_20210916	MW-07	09/16/2021	<5	**80.4**	<2	<2	<2	<4	<2	<4	<2	<2	<2	**3.2**	**92.4**	<8	**2.7**	<8	<2	**19.1J**	**6.4**	<2	<2	**778**	<2	<4	**56.2**	**15.3**	<4	**551**	**342**	**209**	**4,730**	**1400**	<200	**6,320**
92563804	MW-07_20210928	MW-07	09/28/2021	<5	**23**	<0.5	<0.5	**0.14J**	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	**1.5**	**59**	<0.6	**1.7**	<5	<0.5	**2.5**	**2.9**	<0.5	<0.5	**290**	<0.5	<0.5	**32**	**12**	<0.5	**360**	**230**	**130**	**1,100**	<100	**150**	NA
92494322	MW-8_20200903	MW-08	09/03/2020	<5	<0.5	**2.5**	<0.5	<0.5	<1	**15.5**	<1	<0.5	**3.8**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**2.3**	<0.5	<1	<0.5	<0.5	<1	**1.78**	**1.2**	**0.58**	<100	<100	<100	<100
92495239	MW-08_20200913	MW-08	09/13/2020	<5	<0.5	**1.6**	<0.5	<0.5	<1	**12.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.56**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501345	MW-08_20201020	MW-08	10/20/2020	**11.2**	<0.5	<0.5	<0.5	<0.5	<1	**3.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508886	MW-8_20201201	MW-08	12/02/2020	**9.7**	<0.5	<0.5	<0.5	<0.5	<1	**0.96**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515216	MW-08_20210106	MW-08	01/06/2021	**10**	<0.5	<0.5	<0.5	<0.5	<1	**0.93**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-8_20210212	MW-08	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.77**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-08_20210312	MW-08	03/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.87**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-08_20210406	MW-08	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.70**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-08_20210504	MW-08	05/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.50**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542350	MW-08_20210603	MW-08	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.49J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547899	MW-08_20210706	MW-08	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.5J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553185	MW-08_20210803	MW-08	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.41J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558740	MW-08_20210831	MW-08	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.45J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564678	MW-08_20211004	MW-08	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	**0.23J**	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569882	MW-08_20211101	MW-08	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92493708	MW-9_20200902	MW-09	09/02/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92495241	MW-09_20200913	MW-09	09/13/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-9_20201021	MW-09	10/21/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-09_20201130	MW-09	11/30/2020	**7.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-9_20210104	MW-09	01/04/2021	**5.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-9_20210209	MW-09	02/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-09_20210311	MW-09	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-09_20210409	MW-09	04/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541993	MW-09_20210602	MW-09	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-09_20210709	MW-09	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-09_20210804	MW-09	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	**4.2**	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-09_20210902	MW-09	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564084	MW-09_20210929	MW-09	09/29/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564084	DUP-1-20210929	MW-09	09/29/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-09_20211104	MW-09	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92493864	MW-11_20200903	MW-11	09/03/2020	<5	<0.5	**2.1**	<0.5	<0.5	<1	**18.3**	<1	<0.5	**3.7**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**4.1**	**1.2**	<0.5	<1	**1**	<0.5	<1	**2.55**	**1.8**	**0.75**	<100	<100	<100	<100
92495244	MW-11_20200913	MW-11	09/13/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**6.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.9**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501344	MW-11_20201020	MW-11	10/20/2020	**17.8**	**1,740**	<20	<20	<20	<40	<20	<40	<20	<20	<20	**172**	**286**	<80	<20	**99.8**	**29.5**	<80	<20	<20	<20	**4,370**	<20	<40	**265**	<20	<40	**1,755**	**1,110**	**645**	**16,700**	**4,580**	**1,370**	**5,950**
92493708	MW-12_20200902	MW-12	09/02/2020	<25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-12_20201021	MW-12	10/21/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-12_20201130	MW-12	11/30/2020	**8.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-12_20210104	MW-12	01/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-12_20210208	MW-12	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-12_20210311	MW-12	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-12_20210408	MW-12	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-12_20210507	MW-12	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	DUP-1-20210507	MW-12	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-12_20210603	MW-12	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-12_20210709	MW-12	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554285	MW-12_20210806	MW-12	08/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-12_20210901	MW-12	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563487	MW-12_20210927	MW-12	09/27/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-12_20211104	MW-12	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92495627	MW-13_20200915	MW-13	09/15/2020	<5	<0.5	**2.2**	<0.5	<0.5	<1	**21.7**	<1	<0.5	**0.54**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**4.4**	**1.5**	<0.5	<1	**0.76**	<0.5	<1	**2.72**	**1.8**	**0.92**	<100	<100	<100	<100
92499587	MW-13_20201007	MW-13	10/07/2020	<5	<0.5	**0.55**	<0.5	<0.5	<1	**15.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**2.8**	**0.53**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501345	MW-13_20201020	MW-13	10/20/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**5.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.2**	**0.97**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509251	MW-13_20201202	MW-13	12/02/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**6.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.1**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515216	MW-13_20210106	MW-13	01/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**4.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.85**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-13_20210212	MW-13	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.69**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-13_20210312	MW-13	03/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**4.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.1**	**0.64**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-13_20210406	MW-13	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.58**	**0.65**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537158	MW-13_20210505	MW-13	05/05/2021	<5	**0.65**	**0.37J**	<0.5	<0.5	<1	**3.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.94**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92541703	MW-13_20210601	MW-13	06/01/2021	<5	<0.5	**0.58**	<0.5	<0.5	<1	**5.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.1**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547899	MW-13_20210706	MW-13	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.9J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.59**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547899	DUP-1-20210706	MW-13	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**3.0**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	**0.73J**	<0.5	<0.5	**0.58**	<0.5	<0.5	<1	<0.5	<0.5	<1	**1.2J**	**0.75J**	**0.45J**	<50	<50	<50	<50
92553185	MW-13_20210803	MW-13	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558740	MW-13_20210831	MW-13	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564678	MW-13_20211004	MW-13	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	**0.72**	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	**0.24J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569882	MW-13_20211101	MW-13	11/01/2021	**7.7**	<0.5	<0.5	<0.5	<0.5	<1	**0.51**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	70	3000	70	3	100	0.4	0.4	70	600	0.4	70	5	20	6	70	70	0.7	600	3	2000	400	400	0.03	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495239	MW-14_20200913	MW-14	09/13/2020	<5	<0.5	**0.7**	<0.5	<0.5	<1	**4.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501345	MW-14_20201020	MW-14	10/20/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.55**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509251	MW-14_20201202	MW-14	12/02/2020	**18.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514892	MW-14_20210105	MW-14	01/05/2021	**94.7**	<0.5	<0.5	<0.5	<0.5	<1	**0.56**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-14_20210212	MW-14	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.64**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-14_20210312	MW-14	03/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.57**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-14_20210406	MW-14	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-14_20210504	MW-14	05/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541991	MW-14_20210602	MW-14	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541991	DUP-1-20210602	MW-14	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547899	MW-14_20210706	MW-14	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553185	MW-14_20210803	MW-14	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558740	MW-14_20210831	MW-14	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558740	DUP-2-20210831	MW-14	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564488	MW-14_20211001	MW-14	10/01/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.60	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569882	MW-14_20211101	MW-14	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92494640	MW-15_20200909	MW-15	09/09/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-15_20201021	MW-15	10/21/2020	**10.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-15_20201130	MW-15	11/30/2020	**28.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-15_20210104	MW-15	01/04/2021	**13.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-15_20210208	MW-15	02/08/2021	**14.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	DUP-1-20210104	MW-15	01/04/2021	**14.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527475	MW-15_20210312	MW-15	03/12/2021	**5.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-15_20210408	MW-15	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-15_20210507	MW-15	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-15_20210603	MW-15	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-15_20210709	MW-15	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554285	MW-15_20210806	MW-15	08/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-15_20210901	MW-15	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563487	MW-15_20210927	MW-15	09/27/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-15_20211104	MW-15	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92495905	MW-16_20200916	MW-16	09/16/2020	<5	<0.5	**0.78**	<0.5	<0.5	<1	**5.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92500605	MW-16_20201007	MW-16	10/07/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**3.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501343	MW-16_20201020	MW-16	10/20/2020	**7.8**	<0.5	<0.5	<0.5	<0.5	<1	**2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508884	MW-16_20201201	MW-16	12/01/2020	**18.9**	<0.5	<0.5	<0.5	<0.5	<1	**1.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515075	MW-16_20210106	MW-16	01/06/2021	**42.7**	<0.5	<0.5	<0.5	<0.5	<1	**1.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-16_20210210	MW-16	02/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.72**	<1	<0.5	<0.5	<0.5	<0.5	**0.83**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**3.1**	<0.5	<1	**2.5**	**0.68**	<1	**4.9**	**3.4**	**1.5**	<100	<100	<100	<100
92526257	MW-16_20210308	MW-16	03/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.91**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531853	MW-16_20210407	MW-16	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531853	DUP-1-20210407	MW-16	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-16_20210505	MW-16	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92541992	MW-16_20210602	MW-16	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-16_20210707	MW-16	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553519	MW-16_20210804	MW-16	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559334	MW-16_20210902	MW-16	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564333	MW-16_20210930	MW-16	09/30/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92571046	MW-16_20211105	MW-16	11/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	70	3000	70	3	100	0.4	0.4	70	600	0.4	70	5	20	6	70	70	0.7	600	3	2000	400	400	0.03	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495905	MW-17_20200916	MW-17	09/16/2020	<5	**0.6**	**1.4**	<0.5	<0.5	<1	**16.2**	<1	<0.5	<0.5	<0.5	<0.5	**1.4**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**2.7**	**5.4**	<0.5	<1	**3.7**	**1.3**	<1	**10.5**	**7.2**	**3.3**	<100	<100	<100	**109**
92501343	MW-17_20201020	MW-17	10/20/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**8.9**	<1	<0.5	<0.5	<0.5	<0.5	**0.82**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.2**	**2.1**	<0.5	<1	**2**	**0.71**	<1	**5.4**	**3.6**	**1.8**	<100	<100	<100	**152**
92508884	MW-17_20201201	MW-17	12/01/2020	**9.5**	<0.5	<0.5	<0.5	<0.5	<1	**4.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.61**	**0.80**	<0.5	<1	**1.1**	<0.5	<1	**2.57**	**1.8**	**0.77**	<100	<100	<100	<100
92515075	MW-17_20210106	MW-17	01/06/2021	**9.5**	<0.5	<0.5	<0.5	<0.5	<1	**4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-17_20210210	MW-17	02/10/2021	<5	**0.73**	<0.5	<0.5	<0.5	<1	**7.1**	<1	<0.5	<0.5	<0.5	<0.5	**1.1**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.4**	**6.2**	<0.5	<1	**2**	**0.51**	<1	**6.3**	**4.3**	**2**	<100	<100	<100	<100
92526257	MW-17_20210308	MW-17	03/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**5.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.77**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531853	MW-17_20210407	MW-17	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.53**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-17_20210505	MW-17	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.52**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92541992	MW-17_20210602	MW-17	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	**2.6**	<0.5	<2	<0.5	<0.5	**0.51**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-17_20210707	MW-17	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.49J**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553519	MW-17_20210804	MW-17	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**3.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	**3.8**	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.69**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559334	MW-17_20210902	MW-17	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564333	MW-17_20210930	MW-17	09/30/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	**2.0**	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	**0.33J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92571046	MW-17_20211105	MW-17	11/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92494640	MW-18_20200909	MW-18	09/09/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	MW-18_20201023	MW-18	10/23/2020	**7.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**5**	<0.5	<2	<0.5	<2	**1.4**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	DUP-3-20201023	MW-18	10/23/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**2.1**	<0.5	<2	<0.5	<2	**0.54**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508881	MW-18_20201201	MW-18	12/01/2020	**38.6**	**65.9**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**17.1**	**9.0**	<2	<0.5	<2	**4.9**	<2	<0.5	<0.5	<0.5	**160**	<0.5	<1	**2.5**	<0.5	<1	**44.6**	**26.4**	**18.2**	**987**	**155**	<100	**1,180**
92495905	MW-19_20200916	MW-19	09/16/2020	<5	**0.8**	**3.3**	<0.5	<0.5	<1	**30.8**	<1	<0.5	**0.79**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**2.4**	**1.4**	<0.5	<1	<0.5	<0.5	<1	**0.53**	<1	**0.53**	<100	<100	<100	<100
92500605	MW-19_20201007	MW-19	10/07/2020	**7.8**	**0.9**	<0.5	<0.5	<0.5	<1	**24.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**2.6**	**1.9**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501343	MW-19_20201020	MW-19	10/20/2020	**71.3**	<0.5	<0.5	<0.5	<0.5	<1	**8.9**	<1	<0.5	<0.5	<0.5	**1.3**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.1**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509252	MW-19_20201202	MW-19	12/02/2020	**13.7**	<0.5	**0.70**	<0.5	<0.5	<1	**10.2**	<1	<0.5	<0.5	<0.5	**1.2**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.4**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515075	MW-19_20210106	MW-19	01/06/2021	**115**	**171**	<0.5	<0.5	<0.5	<1	**6.4**	<1	<0.5	<0.5	<0.5	**34.2**	**1.2**	<2	<0.5	<2	**10.5**	<2	<0.5	<0.5	**0.93**	**34**	<0.5	<1	**3.4**	<0.5	<1	**47.9**	**21.7**	**26.2**	**406**	<100	<100	**509**
92521555	MW-19_20210210	MW-19	02/10/2021	<5	**658**	<2.5	<2.5	<2.5	<5	**3**	<5	<2.5	<2.5	<2.5	**83**	**23.9**	<10	<2.5	<10	**28**	**33.2**	<2.5	<2.5	<2.5	**518**	<2.5	<5	**43.9**	<2.5	<1	**388**	**225**	**163**	**3,080**	**724**	**158**	**3,960**
92526257	MW-19_20210308	MW-19	03/08/2021	<5	**2,140**	<10	<10	<10	<20	<10	<20	<10	<10	<10	**227**	**151**	<40	<10	<40	**65.7**	**155**	<10	<10	<10	**2,440**	<10	<20	**148**	<10	<20	**1,303**	**838**	**465**	**10,000**	**2,080**	**473**	**12,600**
92531225	MW-19_20210405	MW-19	04/05/2021	<5	**4,560**	<25	<25	<25	<50	<25	<50	<25	<25	<25	**445**	**367**	<100	<25	<100	**120**	<100	<25	<25	<25	**7,000**	<25	<50	**297**	<25	<50	**3,040**	**1,980**	**1,060**	**47,300**	**7,550**	**744**	**54,854**
92536746	MW-19_20210504	MW-19	05/04/2021	<5	**4,330**	<25	<25	<25	<50	<25	<50	<25	<25	<25	**346**	**358**	<100	<25	<100	**99.9**	**88.3J**	<25	<25	<25	**6,300**	<25	<50	**256**	<25	<50	**3,060**	**1,970**	**1,090**	**56,000**	**8,520**	<1,000	**64,500**
92541992	MW-19_20210602	MW-19	06/02/2021	<5	**3,400**	<12.5	<12.5	<12.5	<25	<12.5	<25	<12.5	<12.5	<12.5	**354**	**238**	<50	<12.5	<50	**80.5**	**43.8J**	<12.5	<12.5	<12.5	**4,740**	<12.5	<25	**224**	<12.5	<25	**2,459**	**1,590**	**869**	**38,600**	**6,190**	**652**	**44,800**
92548170	MW-19_20210707	MW-19	07/07/2021	<5	**4,280**	<20	<20	<20	<40	<20	<40	<20	<20	<20	**371**	**398**	<80	<20	<80	**76.9**	**68.5J**	<20	<20	<20	**5,750**	<20	<40	**289**	**68.9**	<40	**3,060**	**1,980**	**1,080**	**58,200**	**7,250**	<1,000	**66,300**
92553189	MW-19_20210803	MW-19	08/03/2021	<5	**4,090**	<20	<20	<20	<40	<20	<40	<20	<20	<20	**306**	**445**	<80	<20	<80	**60.8**	**63.6J**	<20	<20	<20	**5,710**	<20	<40	**283**	<20	<40	**3,040**	**1,980**	**1,060**	**58,900**	**7,110**	<1,000	**66,900**
92558742	MW-19_20210831	MW-19	08/31/2021	<5	**5,270**	<50	<50	<50	<100	<50	<100	<50	<50	<50	**287**	**864**	<200	<50	<200	**60.5**	**146J**	**57.6**	<50	<50	**10,500**	<50	<100	**471**	**104**	<100	**5,130**	**3,350**	**1,780**	**78,300**	**11,600**	**1,330**	**91,200**
92564485	MW-19_20211001	MW-19	10/01/2021	<5.0	**2,500**	<20	<20	<20	<20	<20	<0.6	<20	<20	<20	**160**	**140**	<24	<20	<200	**42**	**48**	**7.2J**	<20	<20	**4,000**	<20	<20	**230**	**66**	<20	**2,680**	**1,700**	**980**	**12,000**	<1000	**1,400**	NA
92570181	MW-19_20211102	MW-19	11/02/2021	<5	**4,220**	<25	<25	<25	<50	<25	<50	<25	<25	<25	**278**	**559**	<100	<25	<100	**51.3**	**91.1J**	<25	<25	<25	**5,520**	<25	<50	**305**	<25	<50	**3,730**	**2,390**	**1,340**	**41,900**	**7,720**	**1,020**	**50,600**
92570181	DUP-2-20211102	MW-19	11/02/2021	<5	**4,440**	<25	<25	<25	<50	<25	<50	<25	<25	<25	**283**	**607**	<100	<25	<100	**52.7**	**103.J**	**43.2J**	<25	<25	**6,080**	<25	<50	**322**	**90**	<50	**3,780**	**2,430**	**1,350**	**42,900**	**8,080**	**1,040**	**52,000**
92494640	MW-20_20200909	MW-20	09/09/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.77**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	MW-20_20201023	MW-20	10/23/2020	**12.5**	<0.5	<0.5	<0.5	<0.5	<1	**0.57**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508881	MW-20_20201201	MW-20	12/01/2020	**26.1**	<0.5	<0.5	<0.5	<0.5	<1	**1.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-20_20210104	MW-20	01/04/2021	**24.4**	<0.5	<0.5	<0.5	<0.5	<1	**0.82**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.1**	<0.5	<1	**2.2**	<0.5	<1	**2.36**	**1.5**	**0.86**	<100	<100	<100	<100
92521555	MW-20_20210210	MW-20	02/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<5	<1.5	<1	<0.5	**192**	<100	<100	**253**
92521555	DUP-1-20210210	MW-20	02/10/2021	**7.8**	<0.5	<0.5	<0.5	<0.5	<1	**1.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	MW-20_20210310	MW-20	03/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.0**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92530256	MW-20_20210407	MW-20	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-20_20210506	MW-20	05/06/2021	<5	<0.5	**0.45J**	<0.5	<0.5	<1	**2.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-20_20210603	MW-20	06/03/2021	<5	<0.5	**0.52**	<0.5	<0.5	<1	**2.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548168	MW-20_20210707	MW-20	07/07/2021	<5	**0.81**	**0.58**	<0.5	<0.5	<1	**3.3**	<1	<0.5	<0.5	<0.5	<0.5	**0.39J**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.81**	<0.5	<1	<0.5	<0.5	<1	**2.32**	**1.6**	**0.72**	<50	<50	<50	<50
92553563	MW-20_20210804	MW-20	08/04/2021	<5	<0.5	**0.67**	<0.5	<0.5	<1	**3.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-20_20210901	MW-20	09/01/2021	<5	<0.5	**0.64**	<0.5	<0.5	<1	**3.7**	<1	<0.5	<0.5	<0.5	**0.53**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563804	MW-20_20210928	MW-20	09/28/2021	<5	<0.5	**0.67**	<0.5	<0.5	<0.5	**3.7**	<0.6	<0.5	<0.5	<0.5	**0.73**	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-20_20211103	MW-20	11/03/2021	<5	<0.5	**0.77**	<0.5	<0.5	<1	**4.2**	<1	<0.5	<0.5	<0.5	**0.64**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																										MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495905	MW-21_20200916	MW-21	09/16/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**8**	<1	<0.5	<0.5	<0.5	**1.2**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.3**	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501343	MW-21_20201020	MW-21	10/20/2020	**8.1**	**38**	<0.5	<0.5	<0.5	<1	**5.8**	<1	<0.5	<0.5	<0.5	**12.2**	**2.2**	<2	<0.5	<2	**4.8**	<2	<0.5	<0.5	**0.93**	**44.9**	<0.5	<1	**2.3**	<0.5	<1	**21.9**	**14.2**	**7.7**	**187**	<100	<100	**251**
92508884	MW-21_20201201	MW-21	12/01/2020	**53.7**	**124**	<0.5	<0.5	<0.5	<1	**4.5**	<1	<0.5	<0.5	<0.5	**31.1**	**3.6**	<2	<0.5	<2	**12.2**	<2	<0.5	<0.5	**0.82**	**46.8**	<0.5	<1	**7.7**	<0.5	<1	**66.9**	**42.7**	**24.2**	**466**	**121**	<100	**630**
92515075	MW-21_20210106	MW-21	01/06/2021	<5	**726**	<2.5	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	**108**	**8**	<10	<2.5	<10	**50**	<10	<2.5	<2.5	<2.5	**96.1**	<2.5	<5	**28.9**	<2.5	<5	**196.5**	**128**	**68.5**	**2,210**	**456**	**122**	**2,790**
92521555	MW-21_20210210	MW-21	02/10/2021	<5	**1,030**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**130**	**18.7**	<20	<5	<20	**68.7**	**23.3**	<5	<5	<5	**524**	<5	<10	**65.4**	<5	<1	**512**	**330**	**182**	**4,710**	**991**	**269**	**5,970**
92526257	MW-21_20210308	MW-21	03/08/2021	<5	**1,470**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**192**	**20.7**	<20	<5	<20	**92.3**	**20.9**	<5	<5	<5	**156**	<5	<10	**47.7**	<5	<10	**298.4**	**207**	**91.4**	**4,420**	**480**	**236**	**5,140**
92531585	MW-21_20210406	MW-21	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.3**	<1	<0.5	<0.5	<0.5	**29.2**	<0.5	<2	<0.5	<2	**11.1**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	**72.6**	**72.6**
92537153	MW-21_20210505	MW-21	05/05/2021	<5	**720**	<2.5	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	**105**	**4.7**	<10	<2.5	<10	**53.9**	**9.3J**	<2.5	<2.5	<2.5	**33.8**	<2.5	<5	**13.5**	<2.5	<5	**72.2**	**72.2**	**34**	**4,670**	**337**	**64.8**	**5,010**
92542352	MW-21_20210603	MW-21	06/03/2021	<5	**1,780**	<6.2	<6.2	<6.2	<12.5	<6.2	<12.5	<6.2	<6.2	<6.2	**249**	**8.5**	<25	<6.2	<25	**117**	**43.7**	<6.2	<6.2	<6.2	**90.9**	<6.2	<12.5	**32.6**	<6.2	<12.5	**265.3**	**174**	**91.3**	**10,500**	**714**	<125	**11,200**
92548170	MW-21_20210707	MW-21	07/07/2021	<5	**1,490**	<6.2	<6.2	<6.2	<12.5	<6.2	<12.5	<6.2	<6.2	<6.2	**181**	**6.1J**	<25	<6.2	<25	**87**	**22.2J**	<6.2	<6.2	<6.2	**68.8**	<6.2	<12.5	**26.4**	<6.2	<12.5	**260.9**	**161**	**99.9**	**9,300**	**611**	<200	**10,000**
92553189	MW-21_20210803	MW-21	08/03/2021	<5	**154**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**35.3**	<0.5	<2	<0.5	<2	**14.9**	**1.4J**	<0.5	<0.5	<0.5	**2.2**	<0.5	<1	**2.3**	**0.95**	<1	**13.9**	**4.8**	**9.1**	**1,050**	<50	<50	**1,080**
92558742	MW-21_20210831	MW-21	08/31/2021	<5	**0.81**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**2.9**	<0.5	<2	<0.5	<2	**0.71**	<2	<0.5	<0.5	<0.5	**1.7**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564485	MW-21_20211001	MW-21	10/01/2021	<5.0	**620**	<5	<5	<5	<5	<5	<0.6	<5	<5	<5	**62**	**2.4J**	<6	**2.0J**	<50	**41**	**6.8**	**1.4J**	<5	<5	**14**	<5	<5	**2.2J**	**1.0J**	<5	**32**	**14**	**18**	**1,400**	<200	<200	NA
92570181	MW-21_20211102	MW-21	11/02/2021	<5	**10.2**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**4.0**	**0.34J**	<2	<0.5	<2	**0.64**	<2	<0.5	<0.5	<0.5	**5.1**	<0.5	<1	**1.0**	<0.5	<1	**6.3**	**2.4**	**3.9**	**63.7**	<50	<50	**82.5**
92494640	MW-22_20200909	MW-22	09/09/2020	<5	**14.5**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**4.4**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**3.2**	<1	**3.2**	<100	<100	<100	<100
92500608	MW-22_20201007	MW-22	10/07/2020	**9.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**1.8**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-22_20201022	MW-22	10/22/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**1.6**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.5**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92496816	MW-23_20200920	MW-23	09/20/2020	<5	<0.5	**6.1**	<0.5	<0.5	<1	**36.9**	<1	<0.5	**1.5**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531585	MW-23_20210406	MW-23	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92500605	MW-23R_20201007	MW-23	10/07/2020	**32.2**	<0.5	**0.56**	<0.5	<0.5	<1	**3.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501343	MW-23R_20201020	MW-23	10/20/2020	**94.4**	<0.5	<0.5	<0.5	<0.5	<1	**1.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508884	MW-23_20201201	MW-23	12/01/2020	**24.7**	<0.5	<0.5	<0.5	<0.5	<1	**0.97**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515075	MW-23_20210106	MW-23	01/06/2021	**85.1**	<0.5	<0.5	<0.5	<0.5	<1	**0.61**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-23_20210210	MW-23	02/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<10	<1.5	<1	<0.5	<100	<100	<100	<100
92526257	MW-23_20210308	MW-23	03/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92537153	MW-23_20210505	MW-23	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92542352	MW-23_20210603	MW-23	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-23_20210707	MW-23	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-23_20210803	MW-23	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559332	MW-23_20210902	MW-23	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564485	MW-23_20211001	MW-23	10/01/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564485	DUP-1-20211001	MW-23	10/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570181	MW-23_20211102	MW-23	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92495103	MW-25_20200911	MW-25	09/11/2020	<10	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	MW-25_20201023	MW-25	10/23/2020	**97.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508881	MW-25_20201201	MW-25	12/01/2020	**142**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-25_20210104	MW-25	01/04/2021	**160**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-25_20210209	MW-25	02/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.99**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	MW-25_20210310	MW-25	03/10/2021	**11.4**	<0.5	<0.5	<0.5	<0.5	<1	**1.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92532417	MW-25_20210408	MW-25	04/08/2021	**10.1**	<0.5	<0.5	<0.5	<0.5	<1	**1.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-25_20210506	MW-25	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-25_20210603	MW-25	06/03/2021	<5	<0.5	**0.32J**	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-25_20210709	MW-25	07/09/2021	<5	**3.9**	**0.33J**	<0.5	<0.5	<1	**1.9**	<1	<0.5	<0.5	<0.5	**0.73**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.2**	<0.5	<1	**0.59**	<0.5	<1	**7.5**	**5.0**	**2.5**	<50	<50	<50	<50
92553563	MW-25_20210804	MW-25	08/04/2021	**25.6**	**9.7**	**0.54J**	<0.5	<0.5	<1	**2.5**	<1	<0.5	<0.5	<0.5	**3.1**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**9.3**	<0.5	<1	<0.5	<0.5	<1	**9.8**	**5.3**	**4.5**	**136**	<50	<50	**166**
92559360	MW-25_20210902	MW-25	09/02/2021	<5	**95.9**	<0.5	<0.5	<0.5	<1	**2.3**	<1	<0.5	<0.5	<0.5	**5.8**	**8.7**	<2	**1.2**	<2	<0.5	**5.5**	**1.8**	<0.5	<0.5	**172**	<0.5	<1	**24.7**	<0.5	<1	**239.8**	**157**	**82.8**	**1,840**	**535**	**69.4**	**2,450**
92564084	MW-25_20210929	MW-25	09/29/2021	<5.0	**66**	**0.55**	**0.14J**	**0.12J**	<0.5	**2.2**	<2	<0.5	<0.5	<0.5	**5.3**	**1.4**	<0.6	**1.3**	<5	**0.24J**	**4.1**	**1.4**	**0.10J**	<0.5	**130**	<0.5	<0.5	**21**	**6.1**	<0.5	**224**	**140**	**84**	**690**	<100	**120**	NA
92570483	MW-25_20211103	MW-25	11/03/2021	**20.4**	**151**	**0.39J**	<0.5	<0.5	<1	**2.4**	<1	<0.5	<0.5	<0.5	**15.6**	**6.1**	<2	**1.2**	<2	**0.69**	**4.3**	**1.7**	<0.5	<0.5	**177**	<0.5	<1	**22.2**	**6.1**	<1	**228.1**	**142**	**86.1**	**1,720**	**450**	**65.1**	**2,230**
92494640	MW-26_20200909	MW-26	09/09/2020	<5	**7.7**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**1.3**	**1.8**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**22.6**	<0.5	<1	**0.69**	<0.5	<1	**9.5**	**6.4**	**3.1**	<100	<100	<100	**114**

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92494640	MW-27_20200909	MW-27	09/09/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-27_20201022	MW-27	10/22/2020	**18.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-27_20201130	MW-27	11/30/2020	**24.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-27_20210104	MW-27	01/04/2021	**35.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-27_20210209	MW-27	02/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	MW-27_20210310	MW-27	03/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92532417	MW-27_20210408	MW-27	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-27_20210506	MW-27	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-27_20210603	MW-27	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-27_20210708	MW-27	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-27_20210805	MW-27	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-27_20210901	MW-27	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563487	MW-27_20210927	MW-27	09/27/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-27_20211103	MW-27	11/03/2021	**5.0**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	**0.89**	<0.5	<1	**1.51**	**1.0**	**0.51**	<50	<50	<50	<50
92494923	MW-28_20200909	MW-28	09/09/2020	<25	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501355	MW-28_20201020	MW-28	10/20/2020	**27.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509253	MW-28_20201202	MW-28	12/02/2020	**58.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526257	MW-28_20210308	MW-28	03/08/2021	**9.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531853	MW-28_20210407	MW-28	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-28_20210505	MW-28	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541992	MW-28_20210602	MW-28	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-28_20210707	MW-28	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553519	MW-28_20210804	MW-28	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553519	DUP-1-20210804	MW-28	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559332	MW-28_20210902	MW-28	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564333	MW-28_20210930	MW-28	09/30/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92571046	MW-28_20211105	MW-28	11/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92495241	MW-29_20200913	MW-29	09/13/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-29_20201022	MW-29	10/22/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.77**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509560	MW-29_20201203	MW-29	12/03/2020	**23.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514898	MW-29_20210105	MW-29	01/05/2021	**5.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-29_20210209	MW-29	02/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514898	Dup-1-20210105	MW-29	01/05/2021	**5.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-29_20210311	MW-29	03/11/2021	<5	**2.3**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**1.2**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**6.3**	<0.5	<1	<0.5	<0.5	<1	**2.74**	**1.8**	**0.94**	<50	<50	<50	<50
92532417	MW-29_20210409	MW-29	04/09/2021	<5	**12.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**15.8**	<0.5	<2	<0.5	<2	<0.5	**0.7**	<2	<0.5	<0.5	<0.5	**23.2**	<0.5	<1	**0.59**	<0.5	<1	**9.6**	**5.9**	**3.7**	**191**	<50	<50	**191**
92537784	MW-29_20210507	MW-29	05/07/2021	<5	**785**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**96.6**	**34**	<20	<5	<20	**8.9**	**7.4J**	<5	<5	<5	**1,170**	<5	<10	**45**	<5	<10	**597**	**381**	**216**	**8,060**	**1,250**	**151**	**9,310**
92542375	MW-29_20210603	MW-29	06/03/2021	<5	**1,170**	<10	<10	<10	<20	**10.7**	<20	**8.0J**	<10	**8.4J**	**161**	**38.6**	<40	<10	<40	**22.2**	**27.8J**	<10	**6.6J**	<10	**2,400**	<10	<20	**78.2**	<10	<20	**774**	**495**	**279**	**19,000**	**2,100**	<500	**21,100**
92548787	MW-29_20210709	MW-29	07/09/2021	<5	**2,000**	<12.5	<12.5	<12.5	<25	<12.5	<25	<12.5	<12.5	<12.5	**236**	**117**	<50	<12.5	<50	**43.3**	**24.6J**	<12.5	<12.5	<12.5	**3,860**	<12.5	<25	**133**	<12.5	<25	**1,380**	**901**	**479**	**28,300**	**2,870**	<500	**31,600**
92548787	DUP-2-20210709	MW-29	07/09/2021	<5	**1,950**	<12.5	<12.5	<12.5	<25	<12.5	<25	<12.5	<12.5	<12.5	**229**	**115**	<50	<12.5	**80**	**46.7**	**60.6**	<12.5	<12.5	<12.5	**3,640**	<12.5	<25	**137**	<12.5	<25	**1,310**	**853**	**457**	**31,100**	**3,250**	<500	**34,900**
92554137	MW-29_20210805	MW-29	08/05/2021	<5	**2,360**	<20	<20	<20	<40	<20	<40	<20	<20	<20	**278**	**122**	<80	<20	<80	**38**	**26.4J**	<20	<20	<20	**4,970**	<20	<40	**167**	<20	<40	**1,639**	**1080**	**559**	**42,800**	**4,580**	<1000	**48,100**
92559360	MW-29_20210902	MW-29	09/02/2021	<5	**2,380**	<20	<20	<20	<40	<20	<40	<20	<20	<20	**262**	**63.1**	<80	<20	<80	**32**	**42.7J**	<20	<20	<20	**4,360**	<20	<40	**158**	<20	<40	**1,722**	**1120**	**602**	**29,300**	**3,360**	<625	**33,100**

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495103	MW-30_20200911	MW-30	09/11/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-30_20201021	MW-30	10/21/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.58**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-30_20201130	MW-30	11/30/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-30_20210104	MW-30	01/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-30_20210209	MW-30	02/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	DUP-1-20210209	MW-30	02/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-30_20210311	MW-30	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-30_20210409	MW-30	04/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-30_20210507	MW-30	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541993	MW-30_20210602	MW-30	06/02/2021	<5	**0.69**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**3.2**	<0.5	<1	**0.66**	<0.5	<1	**8.9**	**6**	**2.9**	<50	<50	<50	<50
92548787	MW-30_20210709	MW-30	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-30_20210804	MW-30	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-30_20210902	MW-30	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564084	MW-30_20210929	MW-30	09/29/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-30_20211104	MW-30	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92495239	MW-31_20200913	MW-31	09/13/2020	<5	**0.56**	<0.5	<0.5	<0.5	<1	**1.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**3.1**	<0.5	<1	**0.61**	<0.5	<1	**3.5**	**2.3**	**1.2**	<100	<100	<100	<100
92500605	MW-31_20201007	MW-31	10/07/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**3.0**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.5**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501343	MW-31_20201020	MW-31	10/20/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509252	MW-31_20201202	MW-31	12/02/2020	**12.2**	<0.5	<0.5	<0.5	<0.5	<1	**3.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515075	MW-31_20210106	MW-31	01/06/2021	**16.6**	<0.5	<0.5	<0.5	<0.5	<1	**2.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-31_20210210	MW-31	02/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526257	MW-31_20210308	MW-31	03/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.0**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531585	MW-31_20210406	MW-31	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.86**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536746	MW-31_20210504	MW-31	05/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.58**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92542352	MW-31_20210603	MW-31	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.50**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	**0.79J**	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**0.35J**	<1	**0.35J**	<50	<50	<50	<50
92548170	MW-31_20210707	MW-31	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.43J**	<1	<0.5	<0.5	<0.5	**0.91**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-31_20210803	MW-31	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.36J**	<1	<0.5	<0.5	<0.5	**1.3**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	DUP-1-20210803	MW-31	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.43J**	<1	<0.5	<0.5	<0.5	**1.4**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558742	MW-31_20210831	MW-31	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.38J**	<1	<0.5	<0.5	<0.5	**0.48J**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558738	DUP-1-20210831	MW-31	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.43J**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564485	MW-31_20211001	MW-31	10/01/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	**0.27J**	<0.6	<0.5	<0.5	<0.5	**0.16J**	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570181	MW-31_20211102	MW-31	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92494864	MW-32_20200910	MW-32	09/10/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-32_20201022	MW-32	10/22/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-32_20201130	MW-32	11/30/2020	**10.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-32_20210104	MW-32	01/04/2021	**16.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-32_20210208	MW-32	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	DUP-1-20210208	MW-32	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526618	MW-32_20210309	MW-32	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92530256	MW-32_20210407	MW-32	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-32_20210506	MW-32	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-32_20210604	MW-32	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-32_20210709	MW-32	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-32_20210805	MW-32	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-32_20210901	MW-32	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563804	MW-32_20210928	MW-32	09/28/2021	**4.6J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-32_20211103	MW-32	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92494640	MW-33_20200909	MW-33	09/09/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-33_20201022	MW-33	10/22/2020	**16.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-33_20201130	MW-33	11/30/2020	**11.0**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-33_20210104	MW-33	01/04/2021	**14.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-33_20210208	MW-33	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526618	MW-33_20210309	MW-33	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92530256	MW-33_20210407	MW-33	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-33_20210506	MW-33	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541993	MW-33_20210602	MW-33	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-33_20210709	MW-33	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-33_20210805	MW-33	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-33_20210901	MW-33	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563804	MW-33_20210928	MW-33	09/28/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-33_20211103	MW-33	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92494640	MW-34_20200909	MW-34	09/09/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-34_20201022	MW-34	10/22/2020	**5.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-34_20201130	MW-34	11/30/2020	**6.0**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-34_20210104	MW-34	01/04/2021	**10.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-34_20210208	MW-34	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526618	MW-34_20210309	MW-34	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92530256	MW-34_20210407	MW-34	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537159	MW-34_20210505	MW-34	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541993	MW-34_20210602	MW-34	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-34_20210708	MW-34	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	DUP-1-20210708	MW-34	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-34_20210804	MW-34	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-34_20210901	MW-34	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563804	MW-34_20210928	MW-34	09/28/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.34J**	<0.5	**0.19**	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-34_20211103	MW-34	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92494864	MW-35_20200910	MW-35	09/10/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-35_20201021	MW-35	10/21/2020	**9.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-35_20201130	MW-35	11/30/2020	**12.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-35_20210104	MW-35	01/04/2021	**13.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-35_20210208	MW-35	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526618	MW-35_20210309	MW-35	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531581	MW-35_20210406	MW-35	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-35_20210506	MW-35	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-35_20210604	MW-35	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-35_20210709	MW-35	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-35_20210805	MW-35	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-35_20210901	MW-35	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563487	MW-35_20210927	MW-35	09/27/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-35_20211104	MW-35	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92494864	MW-36_20200910	MW-36	09/10/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-36_20201021	MW-36	10/21/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-36_20201130	MW-36	11/30/2020	**18.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-36_20210104	MW-36	01/04/2021	**6.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-36_20210210	MW-36	02/10/2021	<5	**3.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**1.9**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**12.7**	<0.5	<1	**3.7**	**1**	<1	**10**	**6.9**	**3.1**	<100	<100	<100	**149**
92526977	MW-36_20210310	MW-36	03/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92530256	MW-36_20210407	MW-36	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-36_20210506	MW-36	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-36_20210603	MW-36	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.33J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-36_20210708	MW-36	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.3J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554285	MW-36_20210806	MW-36	08/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-36_20210902	MW-36	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.38J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	DUP-2-20210902	MW-36	9/2/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.39J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563804	MW-36_20210928	MW-36	9/28/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.27J**	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-36_20211104	MW-36	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.4J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92494864	MW-37_20200910	MW-37	09/10/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-37_20201021	MW-37	10/21/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-37_20201130	MW-37	11/30/2020	**9.0**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-37_20210104	MW-37	01/04/2021	**9.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92495907	MW-38_20200916	MW-38	09/16/2020	<5	**3.4**	**0.74**	<0.5	<0.5	<1	**4.3**	<1	<0.5	<0.5	<0.5	**2**	<0.5	<2	<0.5	<2	**0.78**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	MW-38_20201023	MW-38	10/23/2020	<5	**30.9**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**28.4**	**3.4**	<2	<0.5	<2	**12.2**	<2	<0.5	<0.5	<0.5	**70.3**	<0.5	<1	<0.5	<0.5	<1	**13.2**	**6.3**	**6.9**	**231**	<100	<100	**291**
92509560	MW-38_20201203	MW-38	12/03/2020	**22.4**	**125**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**50.4**	**14.1**	<2	<0.5	<2	**19.0**	<2	<0.5	<0.5	<0.5	**152**	<0.5	<1	**3.9**	<0.5	<1	**76.5**	**45.7**	**30.8**	**681**	**153**	<100	**885**
92509560	Dup-3-20201203	MW-38	12/03/2020	**24.6**	**134**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**51.8**	**14.6**	<2	<0.5	<2	**19.3**	<2	<0.5	<0.5	<0.5	**162**	<0.5	<1	**4.2**	<0.5	<1	**84**	**50.1**	**33.9**	**761**	**162**	<100	**969**
92515544	MW-38_20210107	MW-38	01/07/2021	**13.2**	**78.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**37.7**	**8.5**	<2	<0.5	<2	**13.8**	<2	<0.5	<0.5	<0.5	**79.5**	<0.5	<1	**3.7**	<0.5	<1	**54.6**	**34**	**20.6**	**389**	**107**	<100	**532**
92521237	MW-38_20210209	MW-38	02/09/2021	<5	**121**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**59.7**	**4.9**	<2	<0.5	<2	**22.2**	<2	<0.5	<0.5	<0.5	**39.1**	<0.5	<1	**5.1**	<0.5	<1	**79.8**	**47.8**	**32**	**443**	**135**	<100	**622**
92526977	MW-38_20210310	MW-38	03/10/2021	<5	**375**	<2	<2	<2	<4	<2	<4	<2	<2	<2	**85.4**	**42.4**	<8	<2	<8	**33.4**	**18.1**	<2	<2	<2	**323**	<2	<4	**29.8**	<2	<4	**290**	**189**	**101**	**1,770**	**619**	<100	**2,490**
92526977	DUP-1-20210310	MW-38	03/10/2021	<5	**377**	<2	<2	<2	<4	<2	<4	<2	<2	<2	**89.7**	**42.4**	<8	<2	<8	**35.1**	<8	<2	<2	<2	**327**	<2	<4	**22.8**	<2	<4	**300**	**195**	**105**	**1,570**	**464**	<100	**2,100**
92530256	MW-38_20210407	MW-38	04/07/2021	<5	**644**	<2.5	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	**136**	**68.1**	<10	<2.5	<10	**50.2**	**11.8**	<2.5	<2.5	<2.5	**473**	<2.5	<5	**46.9**	<2.5	<5	**453**	**299**	**154**	**5,570**	**1,400**	**126**	**6,966**
92537489	MW-38_20210506	MW-38	05/06/2021	<5	**978**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**159**	**107**	<20	<5	<20	**72.7**	**13.1J**	<5	<5	<5	**743**	<5	<10	**53**	<5	<10	**713**	**463**	**250**	**8,950**	**2,100**	**198**	**11,000**
92542375	MW-38_20210603	MW-38	06/03/2021	<5	**1,320**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**230**	**147**	<20	**4.4J**	<20	**87.8**	**16.5J**	<5	<5	<5	**727**	<5	<10	**75**	<5	<10	**935**	**615**	**320**	**11,100**	**2,600**	**236**	**13,700**
92548168	MW-38_20210707	MW-38	07/07/2021	<5	**1,630**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**264**	**205**	<20	**5.7J**	<20	**109**	**23.8**	**12.3**	<5	<5	**780**	<5	<10	**99.9**	**26**	<10	**1,225**	**805**	**420**	**13,400**	**2,840**	**321**	**16,660**
92548168	DUP-1-20210707	MW-38	07/07/2021	<5	**1,630**	<6.2	<6.2	<6.2	<12.5	<6.2	<12.5	<6.2	<6.2	<6.2	**271**	**209**	<25	**5.7J**	<25	**113**	**25.1**	**12.8**	<6.2	<6.2	**795**	<6.2	<12.5	**106**	**27.6**	<12.5	**1,256**	**829**	**427**	**14,700**	**3,070**	**356**	**18,100**
92553563	MW-38_20210804	MW-38	08/04/2021	**31.2**	**1,920**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**302**	**150**	<20	**3.9J**	<20	**134**	**18.1J**	**7**	<5	<5	**494**	<5	<10	**51.8**	**13.8**	<10	**892**	**557**	**335**	**15,200**	**2,530**	**243**	**17,900**
92559360	MW-38_20210902	MW-38	09/02/2021	**4.7J**	**2,270**	<6.2	<6.2	<6.2	<12.5	<6.2	<12.5	<6.2	<6.2	<6.2	**324**	**307**	<25	**9.0**	<25	**115**	**64.6**	<6.2	<6.2	<6.2	**822**	<6.2	<12.5	**163**	<6.2	<12.5	**1,948**	**1,290**	**658**	**15,600**	**3,890**	**395**	**19,900**
92495906	MW-39_20200916	MW-39	09/16/2020	<5	**966**	<5	<5	<5	<10	**13.9**	<10	<5	<5	<5	**83.3**	**124**	<20	<5	<20	**10.8**	<20	<5	<5	<5	**1,980**	<5	<10	**61.1**	<5	<10	**616**	**407**	**209**	**4,280**	**732**	**177**	**5,190**
92495100	MW-40_20200911	MW-40	09/11/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**3.2**	<0.5	<2	<0.5	<2	**1.3**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501343	MW-40_20201020	MW-40	10/20/2020	**9.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508884	MW-40_20201201	MW-40	12/01/2020	**47.9**	**416**	<2.5	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	**27.7**	**37.7**	<10	<2.5	<10	**3.2**	<10	<2.5	<2.5	<2.5	**829**	<2.5	<5	**71.1**	<2.5	<5	**617**	**404**	**213**	**2,770**	**1,070**	**323**	**4,070**
92515075	MW-40_20210106	MW-40	01/06/2021	**32.4**	**1,870**	<12.5	<12.5	<12.5	<25	<12.5	<25	<12.5	<12.5	<12.5	**146**	**252**	<50	<12.5	<50	**20**	**78.4**	<12.5	<12.5	<12.5	**4,460**	<12.5	<25	**355**	<12.5	<25	**1,942**	**1,280**	**662**	**12,100**	**6,890**	**1,430**	**20,400**

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495103	MW-41_20200911	MW-41	09/11/2020	<10	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.72**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	MW-41_20201023	MW-41	10/23/2020	**18.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**2.3**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509560	MW-41_20201203	MW-41	12/03/2020	**13.6**	**5.3**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**1.6**	**0.68**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**8.5**	<0.5	<1	<0.5	<0.5	<1	**4.7**	**3.0**	**1.7**	<100	<100	<100	<100
92514898	MW-41_20210105	MW-41	01/05/2021	**70.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-41_20210210	MW-41	02/10/2021	<5	**16.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**5.4**	<0.5	<2	<0.5	<2	**1.4**	<2	<0.5	<0.5	<0.5	**0.81**	<0.5	<1	**1**	<0.5	<1	**11.7**	**7.2**	**4.5**	**119**	<100	<100	**175**
92527327	MW-41_20210311	MW-41	03/11/2021	<5	**64.3**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**12.6**	<0.5	<2	<0.5	<2	**3.1**	<2	<0.5	<0.5	<0.5	**4.4**	<0.5	<1	**3.1**	<0.5	<1	**32.8**	**16.1**	**16.7**	**343**	**66.3**	<50	**62.7**
92532417	MW-41_20210408	MW-41	04/08/2021	<5	**7.2**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**3.4**	<0.5	<2	<0.5	<2	**0.76**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**2.5**	**1.1**	**1.4**	<50	<50	<50	<50
92537784	MW-41_20210507	MW-41	05/07/2021	**4.6J**	**0.87**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.71**	<0.5	<2	<0.5	<2	<0.5	**0.81J**	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**0.44J**	<1	**0.44J**	<50	<50	<50	<50
92542611	MW-41_20210604	MW-41	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-41_20210708	MW-41	07/08/2021	**5.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-41_20210804	MW-41	08/04/2021	<5	**1.5**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.32J**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**0.45J**	<1	**0.45J**	<50	<50	<50	<50
92559360	MW-41_20210902	MW-41	09/02/2021	<5	**15.5**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**3.8J**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**9.0**	<0.5	<1	<0.5	<0.5	<1	**9.8**	**4.5**	**5.3J**	**108**	<50	<50	**123**
92564336	MW-41_20210929	MW-41	09/29/2021	<5	**6.2**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	**1.0**	**0.73**	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**9.5**	<0.5	<0.5	<0.5	<0.5	<0.5	**3.4**	**1.9**	**1.5**	<100	<100	<100	NA
92570483	MW-41_20211103	MW-41	11/03/2021	**5.4**	**94.5**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**21.4**	**1.1**	<2	<0.5	<2	**2.8**	**1.6J**	<0.5	<0.5	<0.5	**57.3**	<0.5	<1	**6.3**	<0.5	<1	**86.0**	**46.2**	**39.8**	**876**	**182**	<50	**1,070**
92495626	MW-42_20200915	MW-42	09/15/2020	<5	**1.3**	**1.9**	<0.5	<0.5	<1	**23.8**	<1	<0.5	<0.5	<0.5	<0.5	**2.4**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**10.8**	<0.5	<1	**5.3**	**1.4**	<1	**19.5**	**13.3**	**6.2**	<100	<100	<100	**150**
92500606	MW-42_20201007	MW-42	09/13/2020	<5	**0.78**	**0.7**	<0.5	<0.5	<1	**23.9**	<1	<0.5	<0.5	<0.5	<0.5	**0.75**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.8**	<0.5	<1	**1.3**	<0.5	<1	**8.5**	**4.9**	**3.6**	<100	<100	<100	<100
92501344	MW-42_20201020	MW-42	10/20/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**15.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509255	MW-42_20201202	MW-42	12/02/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**10.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515387	MW-42_20210107	MW-42	01/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**6.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522125	MW-42_20210212	MW-42	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**5.3**	<1	<0.5	<0.5	<0.5	<0.5	**1.6**	<2	<0.5	<2	<0.5	**4.4**	<0.5	<0.5	<0.5	**3.3**	<0.5	<1	**14.8**	**3.9**	<1	**10.9**	**7.3**	**3.6**	<100	<100	**123**	**252**
92526617	MW-42_20210309	MW-42	03/09/2021	**5.0**	<0.5	<0.5	<0.5	<0.5	<1	**6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531227	MW-42_20210405	MW-42	04/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536429	MW-42_20210503	MW-42	05/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**3.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	**0.88J**	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**1.13J**	**0.74J**	**0.39J**	<50	<50	<50	<50
92541705	MW-42_20210601	MW-42	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547901	MW-42_20210706	MW-42	07/06/2021	**5.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552929	MW-42_20210802	MW-42	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558450	MW-42_20210830	MW-42	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564679	MW-42_20211004	MW-42	10/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.84**	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569880	MW-42_20211101	MW-42	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.85**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92495907	MW-43_20200916	MW-43	09/16/2020	<5	<0.5	**1.8**	<0.5	<0.5	<1	**12.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.4**	<0.5	<1	**0.58**	<0.5	<1	**2.33**	**1.5**	**0.83**	<100	<100	<100	<100
92501960	MW-43_20201023	MW-43	10/23/2020	<5	<0.5	**0.51**	<0.5	<0.5	<1	**5.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509250	MW-43_20201202	MW-43	12/02/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514898	MW-43_20210105	MW-43	01/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-43_20210209	MW-43	02/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.59**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527475	MW-43_20210312	MW-43	03/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-43_20210408	MW-43	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-43_20210507	MW-43	05/07/2021	**7.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.55J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-43_20210603	MW-43	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.48J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-43_20210708	MW-43	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.46J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-43_20210805	MW-43	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.58J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-43_20210902	MW-43	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.77J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564336	MW-43_20210929	MW-43	09/29/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.24J**	**0.63**	<0.5	<0.5	<0.5	<1.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-43_20211103	MW-43	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	**0.47J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																										MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495627	MW-44_20200915	MW-44	09/15/2020	**34.6**	**11.2**	<0.5	<0.5	<0.5	<1	**18.5**	<1	<0.5	<0.5	<0.5	<0.5	**8.4**	<2	<0.5	<2	<0.5	**2.1**	**0.78**	<0.5	<0.5	**77.1**	<0.5	<1	**4.3**	**0.58**	<1	**35**	**21.3**	**13.7**	**155**	<100	<100	**252**
92501345	MW-44_20201020	MW-44	10/20/2020	<5	**0.6**	<0.5	<0.5	<0.5	<1	**1.2**	<1	<0.5	<0.5	<0.5	<0.5	**0.53**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**3**	<0.5	<1	**0.77**	<0.5	<1	**4.1**	**2.7**	**1.4**	<100	<100	<100	<100
92508886	MW-44_20201201	MW-44	12/02/2020	**8.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.4**	<0.5	<1	**0.55**	<0.5	<1	**1.86**	**1.3**	**0.56**	<100	<100	<100	<100
92514892	MW-44_20210105	MW-44	01/05/2021	**54.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-44_20210212	MW-44	02/12/2021	**7.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-44_20210312	MW-44	03/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-44_20210406	MW-44	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-44_20210504	MW-44	05/04/2021	**18**	**2**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**3.1**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	**63.8**	<50	<50	**67**
92541991	MW-44_20210602	MW-44	06/02/2021	**19.1**	**6.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**0.44J**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**12.4**	<0.5	<1	<0.5	<0.5	<1	**2.14**	**1.8**	**0.34J**	**91.3**	<50	<50	**97.8**
92548169	MW-44_20210707	MW-44	07/07/2021	<5	**5.2**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**10.0**	<0.5	<1	<0.5	<0.5	<1	**2.13**	**1.7**	**0.43J**	**88.4**	<50	<50	**96.9**
92553185	MW-44_20210803	MW-44	08/03/2021	**8.6**	**3.8**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**0.81**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**25.1**	<0.5	<1	<0.5	**0.4J**	<1	**10**	**7.7**	**2.3**	**210**	<50	<50	**240**
92558740	MW-44_20210831	MW-44	08/31/2021	**7.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564678	MW-44_20211004	MW-44	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570178	MW-44_20211102	MW-44	11/02/2021	**6.0**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	**0.36J**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92495624	MW-45_20200915	MW-45	09/15/2020	<5	**2.8**	**1.4**	<0.5	<0.5	<1	**20**	<1	<0.5	<0.5	<0.5	<0.5	**3.1**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**27.8**	<0.5	<1	**4.5**	**1.1**	<1	**26.1**	**17.7**	**8.4**	<100	<100	<100	**154**
92499587	MW-45_20201007	MW-45	10/07/2020	<5	**1**	**0.64**	<0.5	<0.5	<1	**15.8**	<1	<0.5	<0.5	<0.5	<0.5	**0.88**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**6.2**	<0.5	<1	**1.4**	<0.5	<1	**10.4**	**6.7**	**3.7**	<100	<100	<100	<100
92501345	MW-45_20201020	MW-45	10/20/2020	**39.5**	<0.5	**0.58**	<0.5	<0.5	<1	**11.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.91**	<0.5	<1	<0.5	<0.5	<1	**2.04**	**1.3**	**0.74**	<100	<100	<100	<100
92509251	MW-45_20201202	MW-45	12/02/2020	**12.6**	<0.5	<0.5	<0.5	<0.5	<1	**5.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514892	MW-45_20210105	MW-45	01/05/2021	**12.8**	<0.5	<0.5	<0.5	<0.5	<1	**4.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-45_20210212	MW-45	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**3.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	DUP-1-20210212	MW-45	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**3.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-45_20210312	MW-45	03/12/2021	**6.1**	<0.5	<0.5	<0.5	<0.5	<1	**3.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-45_20210406	MW-45	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-45_20210504	MW-45	05/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541703	MW-45_20210601	MW-45	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.1**	<1	<0.5	<0.5	<0.5	**0.39J**	<0.5	<2	<0.5	<2	<0.5	**0.71J**	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**1.08J**	**0.73J**	**0.35J**	<50	<50	<50	<50
92547899	MW-45_20210706	MW-45	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.61**	<1	<0.5	<0.5	<0.5	**0.65**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	MW-45_20210802	MW-45	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.43J**	<1	<0.5	<0.5	<0.5	**0.84**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558446	MW-45_20210830	MW-45	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.68**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564488	MW-45_20211001	MW-45	10/01/2021	**10.8**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.21J**	<0.60	<0.5	<0.5	<0.5	**0.2J**	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569882	MW-45_20211101	MW-45	11/01/2021	**5.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92495627	MW-46_20200915	MW-46	09/15/2020	<5	**1.6**	**2.5**	<0.5	<0.5	<1	**26.2**	<1	<0.5	**0.58**	<0.5	<0.5	**3.1**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**17.3**	<0.5	<1	**3.7**	**0.83**	<1	**22.1**	**15.5**	**6.6**	<100	<100	<100	**114**
92501345	MW-46_20201020	MW-46	10/20/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**17.6**	<1	<0.5	<0.5	<0.5	<0.5	**0.52**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.2**	<0.5	<1	**1.4**	<0.5	<1	**4.9**	**3.6**	**1.3**	<100	<100	<100	<100
92509251	MW-46_20201202	MW-46	12/02/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**10.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515216	MW-46_20210106	MW-46	01/06/2021	**13.3**	<0.5	<0.5	<0.5	<0.5	<1	**5.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521851	MW-46_20210211	MW-46	02/11/2021	<5	**0.74**	<0.5	<0.5	<0.5	<1	**2.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.7**	<0.5	<1	<0.5	<0.5	<1	**2.17**	**1.3**	**0.87**	<100	<100	<100	**118**
92531580	MW-46_20210406	MW-46	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536428	MW-46_20210503	MW-46	05/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541703	MW-46_20210601	MW-46	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548169	MW-46_20210706	MW-46	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.55**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553185	MW-46_20210803	MW-46	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.64**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558740	MW-46_20210831	MW-46	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564678	MW-46_20211004	MW-46	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.29J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.47J**	**0.26J**	**0.21J**	<100	<100	<100	NA
92570178	MW-46_20211102	MW-46	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92495627	MW-47_20200915	MW-47	09/15/2020	**6.3**	<0.5	**2**	<0.5	<0.5	<1	**16.5**	<1	<0.5	<0.5	<0.5	<0.5	**1.4**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**6.3**	<0.5	<1	**1.5**	<0.5	<1	**7.6**	**5.2**	**2.4**	<100	<100	<100	<100
92496397	MW-48_20200918	MW-48	09/18/2020	**9.6**	**1.2**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-48_20201022	MW-48	10/22/2020	**19.8**	**40.4**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**19**	**4.1**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**63.3**	<0.5	<1	**1.7**	<0.5	<1	**19.9**	**12**	**7.9**	**1,270**	<100	<100	**1,300**
92501860	DUP-2-20201022	MW-48	10/22/2020	**27.4**	**37.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**17.2**	**3.6**	<2	<0.5	<2	**5.8**	<2	<0.5	<0.5	<0.5	**58.7**	<0.5	<1	**1.5**	<0.5	<1	**17.6**	**10.7**	**6.9**	**1,030**	<100	<100	**1,060**

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	70	3000	70	3	100	0.4	0.4	70	600	0.4	70	5	20	6	70	70	0.7	600	3	2000	400	400	0.03	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92496817	MW-49_20200922	MW-49	09/22/2020	**5.5**	<0.5	**1**	<0.5	<0.5	<1	**11.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.1**	<0.5	<1	<0.5	<0.5	<1	**2.7**	**1.6**	**1.1**	<100	<100	<100	<100
92499587	MW-49_20201007	MW-49	10/07/2020	<5	**0.61**	<0.5	<0.5	<0.5	<1	**2.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501345	MW-49_20201020	MW-49	10/20/2020	**34.4**	<0.5	<0.5	<0.5	<0.5	<1	**1.6**	<1	<0.5	<0.5	<0.5	**0.65**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509251	MW-49_20201202	MW-49	12/02/2020	**16.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**3.4**	<0.5	<2	<0.5	<2	**1.4**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515548	MW-49_20210107	MW-49	01/07/2021	**31**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**7**	<0.5	<2	<0.5	<2	**2.9**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-49_20210212	MW-49	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**8.3**	<0.5	<2	<0.5	<2	**4.1**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-49_20210312	MW-49	03/12/2021	**20.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**3.4**	<0.5	<2	<0.5	<2	**1.5**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-49_20210406	MW-49	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**1.3**	<0.5	<2	<0.5	<2	**0.58**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-49_20210504	MW-49	05/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.69**	<1	<0.5	<0.5	<0.5	**0.99**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541991	MW-49_20210602	MW-49	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.66**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547899	MW-49_20210706	MW-49	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.44J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	MW-49_20210802	MW-49	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.46J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558446	MW-49_20210830	MW-49	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564488	MW-49_20211001	MW-49	10/01/2021	**4.8J**	**0.19J**	<0.5	<0.5	<0.5	<0.5	**0.43J**	<0.60	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.48J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.58J**	**0.39J**	**0.19J**	<100	<100	<100	NA
92569882	MW-49_20211101	MW-49	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92497017	MW-50_20200922	MW-50	09/22/2020	**6.7**	**205**	<2	<2	<2	<4	**5.9**	<4	<2	<2	<2	**37.2**	**20.2**	<8	<2	<8	**24.3**	<8	<2	<2	<2	**375**	<2	<4	**11**	<2	<4	**131.5**	**77.3**	**54.2**	**1,570**	**284**	<100	**1,930**
92501345	MW-50_20201020	MW-50	10/20/2020	**19.2**	**1,370**	<6.2	<6.2	<6.2	<12.5	<6.2	<12.5	<6.2	<6.2	<6.2	**208**	**144**	<25	<6.2	**35.8**	**138**	<25	<6.2	<6.2	<6.2	**1,980**	<6.2	<12.5	**89.2**	<6.2	<12.5	**947**	**611**	**336**	**7,750**	**1,990**	**398**	**10,100**
92509251	MW-50_20201202	MW-50	12/02/2020	<5	**3,730**	<10	<10	<10	<20	<10	<20	<10	<10	<10	**482**	**406**	<40	**10.3**	<40	**287**	**68.3**	<10	<10	<10	**3,760**	<10	<20	**270**	<10	<20	**2,912**	**1,950**	**962**	**18,700**	**5,620**	**934**	**6,550**
92515216	MW-50_20210106	MW-50	01/06/2021	**18.2**	**4,670**	<25	<25	<25	<50	<25	<50	<25	<25	<25	**587**	**552**	<100	<25	<100	**392**	**111**	<25	<25	<25	**6,590**	<25	<50	**450**	<25	<50	**3,690**	**2,460**	**1,230**	**25,900**	**8,140**	**1,210**	**35,300**
92522126	MW-50_20210212	MW-50	02/12/2021	<5	**996**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**161**	**37.5**	<20	<5	<20	**116**	**54**	<5	<5	<5	**467**	<5	<10	**127**	<5	<10	**1,080**	**713**	**367**	**5,030**	**2,420**	<1000	**8,160**
92527474	MW-50_20210312	MW-50	03/12/2021	**5.8**	**844**	<2.5	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	**113**	**43**	<10	**2.7**	<10	**59.6**	**45.8**	<2.5	<2.5	<2.5	**647**	<2.5	<5	**125**	<2.5	<5	**1,149**	**750**	**399**	**7,570**	**2,460**	**339**	**2,120**
92531580	MW-50_20210406	MW-50	04/06/2021	<5	**701**	<2.5	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	**114**	**4.0**	<10	<2.5	<10	**46.9**	**14.1**	<2.5	<2.5	<2.5	**290**	<2.5	<5	**89.2**	<2.5	<5	**885**	**563**	**322**	**6,130**	**2,170**	**263**	**8,303**
92536428	MW-50_20210503	MW-50	05/03/2021	<5	**1,250**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**137**	**57.1**	<20	<5	**44.2**	**38.1**	**32**	<5	<5	<5	**1,310**	<5	<10	**171**	<5	<10	**1,536**	**1,010**	**526**	**13,500**	**4,060**	**491**	**17,500**
92541703	MW-50_20210601	MW-50	06/01/2021	<5	**349**	<2	<2	<2	<4	<2	<4	<2	<2	<2	**36.3**	**12.6**	<8	<2	<8	**11.4**	**22**	<2	<2	<2	**385**	<2	<4	**103**	<2	<4	**881**	**568**	**313**	**4,590**	**2,200**	**327**	**6,800**
92547899	MW-50_20210706	MW-50	07/06/2021	<5	**343**	<2	<2	<2	<4	<2	<4	<2	<2	<2	**18.8**	**31.5**	<8	**5.1**	<8	**4.6**	**27.5**	**8.0**	<2	<2	**286**	<2	<4	**126**	**32.5**	<4	**1,043**	**662**	**381**	**5,210**	**2,550**	**421**	**8,180**
92553185	MW-50_20210803	MW-50	08/03/2021	<5	**193**	<1	<1	<1	<2	<1	<2	<1	<1	<1	**11.2**	**18.3**	<4	**2**	<4	**2.6**	**9.1**	<1	<1	<1	**218**	<1	<2	**43.6**	<1	<2	**438**	**273**	**165**	**4,260**	**1,120**	**178**	**5,550**
92558740	MW-50_20210831	MW-50	08/31/2021	<5	**70.5**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**5.8**	**13.2**	<2	**1.1**	<2	**1.4**	**5.4**	**2.1**	<0.5	<0.5	**170**	<0.5	<1	**25.1**	**6.8**	<1	**222**	**136**	**85.8**	**1,720**	**517**	**80.3**	**2,320**
92564678	MW-50_20211004	MW-50	10/04/2021	<5.0	**62**	<1	<1	<1	<1	<1	<1.2	<1	<1	<1	**15**	**10**	<1.2	**0.34J**	<10	**1.4**	**2.4**	**0.48J**	<1	<1	**100**	<1	<1	**11**	**4.3**	<1	**178**	**95**	**83**	**590**	<200	<200	NA
92570178	MW-50_20211102	MW-50	11/02/2021	<5	**234**	<1.2	<1.2	<1.2	<2.5	<1.2	<2.5	<1.2	<1.2	<1.2	**16.9**	**20.7**	<5	**1.5**	<5	**1.4**	**12.0**	**2.4**	<1.2	<1.2	**259**	<1.2	<2.5	**44.5**	**13.8**	<2.5	**477**	**276**	**201**	**3,260**	**1,090**	**174**	**4,520**
92570178	DUP-1-20211102	MW-50	11/02/2021	<5	**235**	<1.2	<1.2	<1.2	<2.5	<1.2	<2.5	<1.2	<1.2	<1.2	**17.2**	**22.0**	<5	**1.6**	<5	**1.3**	**13.4**	**2.5**	<1.2	<1.2	**270**	<1.2	<2.5	**47.6**	**14.4**	<2.5	**494**	**287**	**207**	**3,720**	**1,150**	**187**	**5,060**
92496817	MW-51_20200922	MW-51	09/22/2020	<5	**1.4**	**3.8**	<0.5	<0.5	<1	**26.1**	<1	<0.5	**1.3**	<0.5	<0.5	**0.84**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**6.9**	<0.5	<1	**0.78**	<0.5	<1	**9.3**	**3.6**	**5.7**	<100	<100	<100	<100
92499587	MW-51_20201007	MW-51	10/07/2020	<5	**1.4**	**1.6**	<0.5	<0.5	<1	**19.3**	<1	<0.5	<0.5	<0.5	<0.5	**0.71**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**4.2**	<0.5	<1	**0.6**	<0.5	<1	**4.5**	**2.5**	**2**	<100	<100	<100	<100
92499587	Dup-1-20201007	MW-51	10/07/2020	<5	**1.6**	**1.6**	<0.5	<0.5	<1	**19.2**	<1	<0.5	<0.5	<0.5	<0.5	**0.72**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**4.8**	<0.5	<1	**0.7**	<0.5	<1	**4.8**	**2.6**	**2.2**	<100	<100	<100	<100
92501615	MW-51_20201021	MW-51	10/21/2020	**5.1**	**0.52**	**0.95**	<0.5	<0.5	<1	**13.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501615	DUP-1-20201021	MW-51	10/21/2020	<5	**0.5**	**0.92**	<0.5	<0.5	<1	**13**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509251	MW-51_20201202	MW-51	12/02/2020	<5	<0.5	**0.55**	<0.5	<0.5	<1	**6.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514892	MW-51_20210105	MW-51	01/05/2021	**141**	<0.5	<0.5	<0.5	<0.5	<1	**5.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-51_20210212	MW-51	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-51_20210312	MW-51	03/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-51_20210406	MW-51	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-51_20210504	MW-51	05/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541703	MW-51_20210601	MW-51	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547899	MW-51_20210706	MW-51	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.90**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	MW-51_20210802	MW-51	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.54**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	DUP-2-20210802	MW-51	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.51**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558446	MW-51_20210830	MW-51	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92558446	DUP-1-20210830	MW-51	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564488	MW-51_20211001	MW-51	10/01/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.60	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569882	MW-51_20211101	MW-51	11/01/2021	**5.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92497774	MW-52_20200928	MW-52	09/28/2020	**20.3**	**8.9**	**0.76**	<0.5	<0.5	<1	**6.3**	<1	<0.5	<0.5	<0.5	**5.7**	**1**	<2	<0.5	<2	**1.6**	<2	<0.5	<0.5	<0.5	**19.9**	<0.5	<1	<0.5	<0.5	<1	**4.3**	**2.7**	**1.6**	<100	<100	<100	**171**
92501960	MW-52_20201023	MW-52	10/23/2020	<5	**31**	<0.5	<0.5	<0.5	<1	**1.8**	<1	<0.5	<0.5	<0.5	**26.7**	**3.5**	<2	<0.5	<2	**7.3**	<2	<0.5	<0.5	<0.5	**80.2**	<0.5	<1	**0.59**	<0.5	<1	**13.2**	**7.2**	**6**	**281**	<100	<100	**341**
92508881	MW-52_20201201	MW-52	12/01/2020	**16.4**	**40.5**	<0.5	<0.5	<0.5	<1	**0.53**	<1	<0.5	<0.5	<0.5	**33.3**	**4.6**	<2	<0.5	<2	**8.8**	<2	<0.5	<0.5	<0.5	**69.6**	<0.5	<1	**1.2**	<0.5	<1	**22.6**	**12.7**	**9.9**	**296**	<100	<100	**365**
92514898	MW-52_20210105	MW-52	01/05/2021	**14.1**	**142**	<1	<1	<1	<2	<1	<2	<1	<1	<1	**50.3**	**12.8**	<4	<1	<4	**13.2**	<4	<1	<1	<1	**233**	<1	<2	**7.1**	<1	<2	**79.8**	**50.2**	**29.6**	**899**	**204**	<100	**1,150**
92521871	MW-52_20210211	MW-52	02/11/2021	<5	**33.2**	<0.5	<0.5	<0.5	<1	**0.59**	<1	<0.5	<0.5	<0.5	**29.8**	<0.5	<2	<0.5	<2	**7.7**	<2	<0.5	<0.5	<0.5	**2.9**	<0.5	<1	**1.7**	<0.5	<1	**17.2**	**8.3**	**8.9**	**227**	<100	<100	**293**
92527327	MW-52_20210311	MW-52	03/11/2021	<5	**192**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**55.8**	**1.9**	<2	**0.55**	<2	**13.7**	<2	<0.5	<0.5	<0.5	**36.8**	<0.5	<1	**11.1**	<0.5	<1	**108.8**	**64.8**	**44**	**1,240**	**222**	<50	**200**
92530256	MW-52_20210407	MW-52	04/07/2021	<5	**17.3**	<0.5	<0.5	<0.5	<1	**2.7**	<1	<0.5	<0.5	<0.5	**20**	<0.5	<2	<0.5	<2	**4.4**	<2	<0.5	<0.5	<0.5	**3.5**	<0.5	<1	<0.5	<0.5	<1	**2.9**	**1.3**	**1.6**	**948**	<50	<50	**948**
92537784	MW-52_20210507	MW-52	05/07/2021	<5	**144**	<0.5	<0.5	<0.5	<1	**1.2**	<1	<0.5	<0.5	<0.5	**26.7**	<0.5	<2	**0.43J**	<2	**3.5**	**0.88J**	<0.5	<0.5	<0.5	**23.1**	<0.5	<1	**3.1**	<0.5	<1	**52.6**	**20.4**	**32.2**	**1,090**	**133**	<50	**1,230**
92542375	MW-52_20210603	MW-52	06/03/2021	<5	**68.4**	<0.5	<0.5	<0.5	<1	**2.4**	<1	<0.5	<0.5	<0.5	**14.2**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**7.6**	<0.5	<1	**1.6**	<0.5	<1	**20.3**	**6.4**	**13.9**	**503**	<50	<50	**553**
92548787	MW-52_20210709	MW-52	07/09/2021	<5	**197**	<0.5	<0.5	<0.5	<1	**0.92**	<1	<0.5	<0.5	<0.5	**35.7**	**0.42J**	<2	**0.57**	<2	**5.3**	**2.5**	**0.37J**	<0.5	<0.5	**8.0**	<0.5	<1	**3.1**	**1.3**	<1	**29.8**	**9.6**	**20.2**	**1,220**	**71.6**	<50	**1,310**
92554137	MW-52_20210805	MW-52	08/05/2021	<5	**476**	<2	<2	<2	<4	**1.8J**	<4	<2	<2	<2	**72.2**	**3.2J**	<8	<2	<8	**10.4**	**6.8J**	<2	<2	<2	**63.4**	<2	<4	**7.9**	<2	<4	**117.9**	**41.1**	**76.8**	**4,110**	**341**	**64.8**	**4,520**
92559360	MW-52_20210902	MW-52	09/02/2021	<5	**1,080**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**137**	**6.8J**	<20	<5	<20	**24.8**	**21.3**	<5	<5	<5	**151.0**	<5	<10	<5	**10.2**	<10	**244.6**	**57.6**	**187**	**7,510**	**656**	<200	**8,260**
92564084	MW-52_20210929	MW-52	09/29/2021	<5.0	**1,100**	<12	<12	<12	<12	<12	<50	<12	<12	<12	**140**	**3.2J**	<15	**4.5J**	<120	**27**	**20**	<12	<12	<12	**110**	<12	<12	<12	**8.0J**	<12	**265**	**15J**	**250**	**4,100**	<500	**510**	NA
92571040	MW-52_20211105	MW-52	11/05/2021	<5	**1,050**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**125**	<5	<20	<5	<20	**25.1**	**25.5**	<5	<5	<5	**68.3**	<5	<10	**23.1**	<5	<10	**269.2**	**68.2**	**201**	**6,630**	**563**	<125	**7,310**
92499057	MW-53_20201006	MW-53	10/06/2020	**37.6**	<0.5	**2**	<0.5	<0.5	<1	**22.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.72**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-53_20201022	MW-53	10/22/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**6.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509560	MW-53_20201203	MW-53	12/03/2020	**23.6**	<0.5	<0.5	<0.5	<0.5	<1	**2.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509560	Dup-1-20201203	MW-53	12/03/2020	**32.9**	<0.5	<0.5	<0.5	<0.5	<1	**2.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515544	MW-53_20210107	MW-53	01/07/2021	**123**	<0.5	<0.5	<0.5	<0.5	<1	**0.97**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-53_20210210	MW-53	02/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.61**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	MW-53_20210310	MW-53	03/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.60**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	**1,330**	**440**	<100	**1,860**
92532417	MW-53_20210408	MW-53	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-53_20210506	MW-53	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.42J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	DUP-1-20210506	MW-53	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.43J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-53_20210604	MW-53	06/04/2021	**10.7**	<0.5	<0.5	<0.5	<0.5	<1	**0.44J**	<1	<0.5	<0.5	<0.5	<0.5	**0.66**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**50.2**	<0.5	<1	**1.4**	<0.5	<1	**35.8**	**22.1**	**13.7**	**330**	**100**	<50	**430**
92548527	MW-53_20210708	MW-53	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-53_20210805	MW-53	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.42J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	DUP-2-20210805	MW-53	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-53_20210902	MW-53	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.36J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563804	MW-53_20210928	MW-53	09/28/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.27J**	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92563804	DUP-1-20210928	MW-53	09/28/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.27J**	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-53_20211103	MW-53	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92499057	MW-54_20201006	MW-54	10/06/2020	**8.2**	<0.5	**3.0**	<0.5	<0.5	<1	**28.2**	<1	<0.5	**0.75**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-54_20201022	MW-54	10/22/2020	<5	<0.5	**0.65**	<0.5	<0.5	<1	**9.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509560	MW-54_20201203	MW-54	12/03/2020	**18.6**	<0.5	<0.5	<0.5	<0.5	<1	**2.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509560	Dup-2-20201203	MW-54	12/03/2020	**14.7**	<0.5	<0.5	<0.5	<0.5	<1	**2.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515544	MW-54_20210107	MW-54	01/07/2021	**29.1**	<0.5	<0.5	<0.5	<0.5	<1	**1.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-54_20210210	MW-54	02/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-54_20210311	MW-54	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92530256	MW-54_20210407	MW-54	04/07/2021	<5	**218**	<2.5	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	**22**	**30.6**	<10	<2.5	<10	<2.5	<10	<2.5	<2.5	<2.5	**636**	<2.5	<5	**18.4**	<2.5	<5	**230.1**	**145**	**85.1**	**3,530**	**644**	<50	**4,126**
92537489	MW-54_20210506	MW-54	05/06/2021	<5	**521**	<2.5	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	**96.5**	**6.9**	<10	<2.5	<10	<2.5	**7.9J**	<2.5	<2.5	<2.5	**999**	<2.5	<5	**39.4**	<2.5	<5	**595**	**380**	**215**	**7,880**	**1,500**	**140**	**9,380**
92542611	MW-54_20210604	MW-54	06/04/2021	<5	**551**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**89.8**	**25.2**	<20	<5	<20	<5	**8.1J**	<5	<5	<5	**1,200**	<5	<10	**44**	<5	<10	**751**	**461**	**290**	**8,480**	**1,680**	**164**	**10,200**
92554137	MW-54_20210805	MW-54	08/05/2021	<5	**984**	<5	<5	<5	<10	<5	<10	<5	<5	<5	**149**	**98.4**	<20	<5	<20	**7.7**	**9.6J**	<5	<5	<5	**1,670**	<5	<10	**59.7**	<5	<10	**1,045**	**649**	**396**	**15,900**	**2,180**	**218**	**18,300**
92499057	MW-55_20201006	MW-55	10/06/2020	<5	**99.7**	**0.92**	<0.5	<0.5	<1	**6.9**	<1	<0.5	<0.5	<0.5	**48**	**6**	<2	<0.5	<2	**19.6**	<2	<0.5	<0.5	<0.5	**154**	<0.5	<1	**1.8**	<0.5	<1	**44.9**	**24.5**	**20.4**	**455**	<100	<100	**566**
92499057	DUP-01-20201006	MW-55	10/06/2020	<5	**102**	**0.91**	<0.5	<0.5	<1	**6.8**	<1	<0.5	<0.5	<0.5	**48.9**	**6.1**	<2	<0.5	<2	**19.7**	<2	<0.5	<0.5	<0.5	**157**	<0.5	<1	**1.9**	<0.5	<1	**46.2**	**25.2**	**21.0**	**496**	<100	<100	**614**
92501960	MW-55_20201023	MW-55	10/23/2020	<5	**900**	<12.5	<12.5	<12.5	<25	<12.5	<25	<12.5	<12.5	<12.5	**144**	**457**	<50	**26.5**	<50	<12.5	**85.7**	<12.5	<12.5	<12.5	**3,590**	<12.5	<25	**626**	<12.5	<25	**2,730**	**1,870**	**860**	**13,000**	**4,580**	**1,720**	**6,300**

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92499057	MW-56_20201006	MW-56	10/06/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.1**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-56_20201022	MW-56	10/22/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509560	MW-56_20201203	MW-56	12/03/2020	**8.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515544	MW-56_20210107	MW-56	01/07/2021	**8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-56_20210208	MW-56	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526618	MW-56_20210309	MW-56	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92530256	MW-56_20210407	MW-56	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537159	MW-56_20210505	MW-56	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537159	DUP-1-20210505	MW-56	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541993	MW-56_20210602	MW-56	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-56_20210709	MW-56	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	DUP-1-20210709	MW-56	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-56_20210804	MW-56	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	**4.1**	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-56_20210901	MW-56	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563804	MW-56_20210928	MW-56	09/28/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-56_20211104	MW-56	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92500608	MW-58_20201007	MW-58	10/07/2020	<5	<0.5	**2.8**	<0.5	<0.5	<1	**15.6**	<1	<0.5	**0.61**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-58_20201022	MW-58	10/22/2020	<5	<0.5	**1.8**	<0.5	<0.5	<1	**9.5**	<1	<0.5	**0.5**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508881	MW-58_20201201	MW-58	12/01/2020	**22.7**	<0.5	**0.76**	<0.5	<0.5	<1	**3.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514898	MW-58_20210105	MW-58	01/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-58_20210208	MW-58	02/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-58_20210311	MW-58	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-58_20210408	MW-58	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-58_20210507	MW-58	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-58_20210604	MW-58	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-58_20210709	MW-58	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.84**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-58_20210805	MW-58	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.92**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-58_20210902	MW-58	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.59**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564084	MW-58_20210929	MW-58	09/29/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	**0.58**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92571040	MW-58_20211105	MW-58	11/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92571040	DUP-1-20211105	MW-58	11/05/2021	<5	**0.47J**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	**0.82J**	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**0.36J**	<1	**0.36J**	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92500608	MW-59_20201007	MW-59	10/07/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-59_20201021	MW-59	10/21/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	**2.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508881	MW-59_20201201	MW-59	12/01/2020	**31.6**	<0.5	<0.5	<0.5	<0.5	<1	**1.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514898	MW-59_20210105	MW-59	01/05/2021	**37.3**	<0.5	<0.5	<0.5	<0.5	<1	**1.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-59_20210209	MW-59	02/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.68**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-59_20210311	MW-59	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.52**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-59_20210408	MW-59	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-59_20210507	MW-59	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-59_20210604	MW-59	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	DUP-1-20210604	MW-59	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-59_20210709	MW-59	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.57**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.0**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-59_20210805	MW-59	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.39J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-59_20210902	MW-59	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564084	MW-59_20210929	MW-59	09/29/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-59_20211104	MW-59	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.48J**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92500607	MW-60_20201007	MW-60	10/07/2020	**18**	<0.5	**4.1**	<0.5	<0.5	<1	**15.2**	<1	<0.5	**1.3**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501345	MW-60_20201020	MW-60	10/20/2020	**20.4**	<0.5	**0.88**	<0.5	<0.5	<1	**3.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508886	MW-60_20201201	MW-60	12/02/2020	**16.4**	<0.5	<0.5	<0.5	<0.5	<1	**1.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514892	MW-60_20210105	MW-60	01/05/2021	**52.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-60_20210212	MW-60	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527336	MW-60_20210311	MW-60	03/11/2021	**15.0**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**4.4**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-60_20210406	MW-60	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537158	MW-60_20210505	MW-60	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92542350	MW-60_20210603	MW-60	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.47J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547899	MW-60_20210706	MW-60	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.68**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553185	MW-60_20210803	MW-60	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.58**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558740	MW-60_20210831	MW-60	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564678	MW-60_20211004	MW-60	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570178	MW-60_20211102	MW-60	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92509560	MW-61_20201203	MW-61	12/03/2020	**30.9**	**3.3**	**5.5**	<0.5	<0.5	<1	**31.0**	<1	<0.5	**1.3**	<0.5	<0.5	**0.54**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**7.9**	<0.5	<1	<0.5	<0.5	<1	**2.27**	**1.4**	**0.87**	<100	<100	<100	<100
92509555	MW-62_20201203	MW-62	12/03/2020	<25	**0.67**	**4.8**	<0.5	<0.5	<1	**22.2**	<1	<0.5	**1.2**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.4**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514892	MW-62_20210105	MW-62	01/05/2021	**74.5**	<0.5	**3.7**	<0.5	<0.5	<1	**16.8**	<1	<0.5	**0.95**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521851	MW-62_20210211	MW-62	02/11/2021	**11.9**	<0.5	**2.6**	<0.5	<0.5	<1	**9.8**	<1	<0.5	**0.85**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	**125**
92527474	MW-62_20210312	MW-62	03/12/2021	**37.8**	<0.5	**2.1**	<0.5	<0.5	<1	**8.7**	<1	<0.5	**0.57**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531231	MW-62_20210405	MW-62	04/05/2021	**26**	<0.5	<0.5	<0.5	<0.5	<1	**2.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-62_20210504	MW-62	05/04/2021	**7.9**	<0.5	**0.59**	<0.5	<0.5	<1	**2.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541991	MW-62_20210602	MW-62	06/02/2021	**7.9**	<0.5	**0.43J**	<0.5	<0.5	<1	**2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548169	MW-62_20210707	MW-62	07/07/2021	**7.6**	<0.5	**0.42J**	<0.5	<0.5	<1	**2.0**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	MW-62_20210802	MW-62	08/02/2021	**9.8**	<0.5	**0.36J**	<0.5	<0.5	<1	**1.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558446	MW-62_20210830	MW-62	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.57**	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564678	MW-62_20211004	MW-62	10/04/2021	<5.0	<0.5	**0.28J**	<0.5	<0.5	<0.5	**0.91**	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	70	3000	70	3	100	0.4	0.4	70	600	0.4	70	5	20	6	70	70	0.7	600	3	2000	400	400	0.03	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92509560	MW-63_20201203	MW-63	12/03/2020	**6.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515544	MW-63_20210107	MW-63	01/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-63_20210209	MW-63	02/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	MW-63_20210310	MW-63	03/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92532417	MW-63_20210408	MW-63	04/08/2021	**7.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-63_20210506	MW-63	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-63_20210603	MW-63	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548168	MW-63_20210707	MW-63	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-63_20210805	MW-63	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-63_20210902	MW-63	09/02/2021	<5	**5.0**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**2.8**	**2.1**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**15.8**	<0.5	<1	**0.58**	<0.5	<1	**8.5**	**5.0**	**3.5**	**89.2**	<50	<50	**113**
92561826	MW-63_20210916	MW-63	09/16/2021	<5	**0.35J**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**3.3**	**0.35J**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.7**	<0.5	<1	<0.5	<0.5	<1	**2.59**	**1.7**	**0.89**	<50	<50	<50	<50
92564084	MW-63_20210929	MW-63	09/29/2021	<5.0	**0.19J**	<0.5	<0.5	<0.5	<0.5	**0.24J**	<2	<0.5	<0.5	<0.5	**4.5**	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.15J**	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92515354	MW-64_20210107	MW-64	01/07/2021	**101**	<0.5	<0.5	<0.5	<0.5	<1	**1.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515354	Dup-1-20210107	MW-64	01/07/2021	**94.8**	<0.5	<0.5	<0.5	<0.5	<1	**1.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522267	MW-64_20210215	MW-64	02/15/2021	**14.5**	<0.5	<0.5	<0.5	<0.5	<1	**0.77**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526262	MW-64_20210308	MW-64	03/08/2021	**12.8**	<0.5	<0.5	<0.5	<0.5	<1	**1.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531238	MW-64_20210405	MW-64	04/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536430	MW-64_20210503	MW-64	05/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541706	MW-64_20210601	MW-64	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547898	MW-64_20210706	MW-64	07/06/2021	**5.8**	<0.5	<0.5	<0.5	<0.5	<1	**1.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552963	MW-64_20210802	MW-64	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.51**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558448	MW-64_20210830	MW-64	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564680	MW-64_20211004	MW-64	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	**0.39J**	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569881	MW-64_20211101	MW-64	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.71**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92515354	MW-65_20210107	MW-65	01/07/2021	**264**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522267	MW-65_20210215	MW-65	02/15/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526262	MW-65_20210308	MW-65	03/08/2021	**7.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531238	MW-65_20210405	MW-65	04/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536430	MW-65_20210503	MW-65	05/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541706	MW-65_20210601	MW-65	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547898	MW-65_20210706	MW-65	07/06/2021	**4.6J**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552963	MW-65_20210802	MW-65	08/02/2021	**5.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558448	MW-65_20210830	MW-65	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564680	MW-65_20211004	MW-65	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569881	MW-65_20211101	MW-65	11/01/2021	**34.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92515387	MW- 66_20210107	MW-66	01/07/2021	**107**	<0.5	**2.8**	<0.5	<0.5	<1	**12**	<1	<0.5	**0.63**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522125	MW-66_20210212	MW-66	02/12/2021	<5	<0.5	**2.5**	<0.5	<0.5	<1	**8.6**	<1	<0.5	**0.62**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**3**	<0.5	<1	<0.5	<0.5	<1	**2.49**	**1.6**	**0.89**	**165**	<100	<100	**165**
92526989	MW-66_20210310	MW-66	03/10/2021	**5.9**	<0.5	**2.2**	<0.5	<0.5	<1	**8.5**	<1	<0.5	**0.55**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531227	MW-66_20210405	MW-66	04/05/2021	<5	<0.5	**1.4**	<0.5	<0.5	<1	**5.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536738	MW-66_20210504	MW-66	05/04/2021	<5	<0.5	**1.0**	<0.5	<0.5	<1	**4.0**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92541705	MW-66_20210601	MW-66	06/01/2021	<5	<0.5	**1.1**	<0.5	<0.5	<1	**4.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547901	MW-66_20210706	MW-66	07/06/2021	**11.6**	<0.5	**1.2**	<0.5	<0.5	<1	**4.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552929	MW-66_20210802	MW-66	08/02/2021	<5	<0.5	**0.93**	<0.5	<0.5	<1	**3.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558450	MW-66_20210830	MW-66	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**5.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564679	MW-66_20211004	MW-66	10/04/2021	**5.0J**	<0.5	**1.6**	<0.5	<0.5	<0.5	**5.5**	<0.6	<0.5	**0.41J**	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569880	MW-66_20211101	MW-66	11/01/2021	<5	<0.5	**1.4**	<0.5	<0.5	<1	**5.7**	<1	<0.5	**0.39J**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92515387	MW- 67_20210107	MW-67	01/07/2021	**23.2**	<0.5	<0.5	<0.5	<0.5	<1	**1.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**106**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	**116**	<100	<100	**116**
92522125	MW-67_20210212	MW-67	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**8.2**	<0.5	<1	<0.5	<0.5	<1	**1.99**	**1.4**	**0.59**	<100	<100	<100	<100
92526617	MW-67_20210309	MW-67	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**4.8**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526617	DUP-1-20210309	MW-67	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**4.1**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531227	MW-67_20210405	MW-67	04/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**3.1**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536429	MW-67_20210503	MW-67	05/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.75**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541705	MW-67_20210601	MW-67	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**2.4**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547901	MW-67_20210706	MW-67	07/06/2021	**5.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552929	MW-67_20210802	MW-67	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552929	DUP-1 20210802	MW-67	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558450	MW-67_20210830	MW-67	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92558450	DUP-1-20210830	MW-67	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564679	MW-67_20211004	MW-67	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564679	DUP-1-20211004	MW-67	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569880	MW-67_20211101	MW-67	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92569880	DUP-2-20211101	MW-67	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92515387	MW- 68_20210107	MW-68	01/07/2021	**99.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522266	MW-68_20210215	MW-68	02/15/2021	**15.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526617	MW-68_20210309	MW-68	03/09/2021	**5.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531227	MW-68_20210405	MW-68	04/05/2021	**6.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536738	MW-68_20210504	MW-68	05/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541705	MW-68_20210601	MW-68	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547901	MW-68_20210706	MW-68	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552929	MW-68_20210802	MW-68	08/02/2021	**5.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558450	MW-68_20210830	MW-68	08/30/2021	**16.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564679	MW-68_20211004	MW-68	10/04/2021	**5.9**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569880	MW-68_20211101	MW-68	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92515214	MW-69_20210106	MW-69	01/06/2021	**123**	<0.5	**0.55**	<0.5	<0.5	<1	**4.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-69_20210210	MW-69	02/10/2021	**40.3**	<0.5	<0.5	<0.5	<0.5	<1	**2.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-69_20210311	MW-69	03/11/2021	<5	<0.5	**0.99**	<0.5	<0.5	<1	**5.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-69_20210408	MW-69	04/08/2021	**9.1**	<0.5	**1.1**	<0.5	<0.5	<1	**5.5**	<1	<0.5	<0.5	<0.5	**0.64**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-69_20210507	MW-69	05/07/2021	<5	<0.5	**3.4**	<0.5	<0.5	<1	**18.7**	<1	<0.5	**0.77**	<0.5	**1.0**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-69_20210604	MW-69	06/04/2021	<5	<0.5	**3.9**	<0.5	<0.5	<1	**20.2**	<1	<0.5	**0.88**	<0.5	**0.41J**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-69_20210708	MW-69	07/08/2021	<5	<0.5	**2.7**	<0.5	<0.5	<1	**14.7**	<1	<0.5	**0.66**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-69_20210804	MW-69	08/04/2021	<5	<0.5	**2.9**	<0.5	<0.5	<1	**15.4**	<1	<0.5	**0.72**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-69_20210901	MW-69	09/01/2021	<5	<0.5	**2.1**	<0.5	<0.5	<1	**10.9**	<1	<0.5	**0.54**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564336	MW-69_20210929	MW-69	09/29/2021	<5.0	<0.5	**2.2**	<0.5	<0.5	<0.5	**14**	<0.6	<0.5	**0.40J**	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-69_20211103	MW-69	11/03/2021	**5.3**	<0.5	**1.3**	<0.5	<0.5	<1	**8.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92515354	MW-70_20210107	MW-70	01/07/2021	**155**	<0.5	<0.5	<0.5	<0.5	<1	**1.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522267	MW-70_20210215	MW-70	02/15/2021	**24.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526262	MW-70_20210308	MW-70	03/08/2021	**9.8**	<0.5	<0.5	<0.5	<0.5	<1	**1.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531238	MW-70_20210405	MW-70	04/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536731	MW-70_20210504	MW-70	05/04/2021	<5	<0.5	**0.4J**	<0.5	<0.5	<1	**1.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541706	MW-70_20210601	MW-70	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.85**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547898	MW-70_20210706	MW-70	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	**0.46J**	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552963	MW-70_20210802	MW-70	08/02/2021	**9.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558448	MW-70_20210830	MW-70	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.42J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564680	MW-70_20211004	MW-70	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	**0.28J**	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569881	MW-70_20211101	MW-70	11/01/2021	**4.9J**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92569881	DUP-1-20211101	MW-70	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92521555	MW-71_20210210	MW-71	02/10/2021	**22.6**	<0.5	**1.3**	<0.5	<0.5	<1	**10.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.66**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-71_20210311	MW-71	03/11/2021	<5	<0.5	**2.1**	<0.5	<0.5	<1	**11.6**	<1	<0.5	**0.54**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-71_20210408	MW-71	04/08/2021	**94.2**	<0.5	<0.5	<0.5	<0.5	<1	**2.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-71_20210507	MW-71	05/07/2021	**64.1**	**16.7**	**0.73**	<0.5	<0.5	<1	**4.4**	<1	<0.5	<0.5	<0.5	**3.5**	**3.3**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**54.2**	<0.5	<1	**1.1**	<0.5	<1	**18.7**	**11.4**	**7.3**	**329**	**57.7**	<50	**387**
92542611	MW-71_20210604	MW-71	06/04/2021	<5	**133**	<2	<2	<2	<4	**5.2**	<4	<2	<2	<2	**17.6**	**24.9**	<8	<2	<8	<2	**3.6J**	<2	<2	<2	**408**	<2	<4	**5.7**	<2	<4	**116.3**	**65.9**	**50.4**	**3,030**	**411**	<50	**3,450**
92548527	MW-71_20210708	MW-71	07/08/2021	**12.2**	**248**	<2	<2	<2	<4	**3.7**	<4	<2	<2	<2	**30.1**	**22.4**	<8	<2	<8	<2	**5.9J**	<2	<2	<2	**480**	<2	<4	**20.6**	**6.3**	<4	**291**	**173**	**118**	**3,760**	**668**	<100	**4,510**
92554137	MW-71_20210805	MW-71	08/05/2021	**15.8**	**153**	<2	<2	<2	<4	**3.4**	<4	<2	<2	<2	**36.8**	**22.6**	<8	<2	<8	<2	**10.5J**	<2	<2	<2	**746**	<2	<4	**35.1**	<2	<4	**464**	**270**	**194**	**4,980**	**945**	**132**	**6,060**
92559360	MW-71_20210902	MW-71	09/02/2021	<5	**71.4**	**0.64**	<0.5	<0.5	<1	**4.5**	<1	<0.5	<0.5	<0.5	**21.4**	<0.5	<2	<0.5	<2	**0.49J**	**2.8J**	<0.5	<0.5	<0.5	**33.6**	<0.5	<1	**2.7**	<0.5	<1	**89.4**	**26.6**	**62.8**	**650**	**197**	<50	**871**
92564084	MW-71_20210929	MW-71	09/29/2021	**4.8J**	**19**	**0.75**	<0.5	<0.5	<0.5	**3.8**	<2	<0.5	<0.5	<0.5	**12**	**0.31J**	<0.6	<0.5	<5	**0.31J**	**0.29J**	<0.5	<0.5	<0.5	**18**	<0.5	<0.5	**0.84**	**0.47J**	<0.5	**28**	**11**	**17**	**150**	<100	<100	NA
92570483	MW-71_20211103	MW-71	11/03/2021	<5	**5.6**	**0.32J**	<0.5	<0.5	<1	**2.7**	<1	<0.5	<0.5	<0.5	**7.5**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**3.2**	<0.5	<1	<0.5	<0.5	<1	**6.7**	**3.8**	**2.9**	<50	<50	<50	**61.2**
92521237	MW-72_20210209	MW-72	02/09/2021	**8.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	MW-72_20210310	MW-72	03/10/2021	**9.0**	**4.2**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**3.7**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**27.9**	<0.5	<1	**1.9**	<0.5	<1	**20.1**	**14.2**	**5.9**	**110**	<100	<100	**166**
92530256	MW-72_20210407	MW-72	04/07/2021	<5	**54.8**	<0.5	<0.5	<0.5	<1	**0.53**	<1	<0.5	<0.5	<0.5	**5.9**	**5.0**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**111**	<0.5	<1	**4.1**	<0.5	<1	**46.0**	**30.9**	**15.1**	**1,070**	**138**	<50	**1,197**
92521851	MW-73_20210211	MW-73	02/11/2021	**14.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**17.7**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	**192**	<100	<100	**262**
92527336	MW-73_20210311	MW-73	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531231	MW-73_20210405	MW-73	04/05/2021	**8.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.6**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-73_20210504	MW-73	05/04/2021	**14.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.7**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541991	MW-73_20210602	MW-73	06/02/2021	**24.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548518	MW-73_20210708	MW-73	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	MW-73_20210802	MW-73	08/02/2021	**5.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558446	MW-73_20210830	MW-73	08/30/2021	**6.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564770	MW-73_20211005	MW-73	10/05/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569882	MW-73_20211101	MW-73	11/01/2021	**16.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92522267	MW-74_20210215	MW-74	02/15/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526262	MW-74_20210308	MW-74	03/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531238	MW-74_20210405	MW-74	04/05/2021	**7.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536430	MW-74_20210503	MW-74	05/03/2021	**6.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541706	MW-74_20210601	MW-74	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547898	MW-74_20210706	MW-74	07/06/2021	**5.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552963	MW-74_20210802	MW-74	08/02/2021	**16.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558448	MW-74_20210830	MW-74	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564680	MW-74_20211004	MW-74	10/04/2021	**5.0J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569881	MW-74_20211101	MW-74	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92522267	MW-75_20210215	MW-75	02/15/2021	**31.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526262	MW-75_20210308	MW-75	03/08/2021	**16.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531238	MW-75_20210405	MW-75	04/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536430	MW-75_20210503	MW-75	05/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541706	MW-75_20210601	MW-75	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547898	MW-75_20210706	MW-75	07/06/2021	**5.0**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552963	MW-75_20210802	MW-75	08/02/2021	**7.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558448	MW-75_20210830	MW-75	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564680	MW-75_20211004	MW-75	10/04/2021	**4.7J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569881	MW-75_20211101	MW-75	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92522265	MW-76_20210215	MW-76	02/15/2021	**10.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-76_20210312	MW-76	03/12/2021	**8.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92527474	DUP-1-20210312	MW-76	03/12/2021	**15.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-76_20210406	MW-76	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-76_20210504	MW-76	05/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	DUP-1-20210504	MW-76	05/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541991	MW-76_20210602	MW-76	06/02/2021	**4.9J**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.96**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547899	MW-76_20210706	MW-76	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547899	DUP-2-20210706	MW-76	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553185	MW-76_20210803	MW-76	08/03/2021	**16.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553185	DUP-2-20210803	MW-76	08/03/2021	**16.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558739	MW-76_20210831	MW-76	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564327	MW-76_20210930	MW-76	09/30/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569882	MW-76_20211101	MW-76	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92526257	MW-77_20210308	MW-77	03/08/2021	**5.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526257	DUP-1-20210308	MW-77	03/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531585	MW-77_20210406	MW-77	04/06/2021	**5.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-77_20210505	MW-77	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542352	MW-77_20210603	MW-77	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-77_20210707	MW-77	07/07/2021	**4.8J**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.53**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-77_20210803	MW-77	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558741	MW-77_20210831	MW-77	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564333	MW-77_20210930	MW-77	09/30/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570181	MW-77_20211102	MW-77	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92526257	MW-78_20210308	MW-78	03/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531585	MW-78_20210406	MW-78	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531585	Dup-1-20210406	MW-78	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-78_20210505	MW-78	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542352	MW-78_20210603	MW-78	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-78_20210707	MW-78	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-78_20210803	MW-78	08/03/2021	**4.8J**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558737	MW-78_20210831	MW-78	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564333	MW-78_20210930	MW-78	09/30/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570181	MW-78_20211102	MW-78	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92526616	MW-79_20210309	MW-79	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531585	MW-79_20210406	MW-79	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-79_20210505	MW-79	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542352	MW-79_20210603	MW-79	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-79_20210707	MW-79	07/07/2021	<5	**0.71**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.4**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-79_20210803	MW-79	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558741	MW-79_20210831	MW-79	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564333	MW-79_20210930	MW-79	09/30/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570181	MW-79_20211102	MW-79	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92526616	MW-80_20210309	MW-80	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531225	MW-80_20210405	MW-80	04/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-80_20210505	MW-80	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541992	MW-80_20210602	MW-80	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-80_20210707	MW-80	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	DUP-2-20210707	MW-80	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**1.09J**	**0.73J**	**0.36J**	<50	<50	<50	<50
92553189	MW-80_20210803	MW-80	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558741	MW-80_20210831	MW-80	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564333	MW-80_20210930	MW-80	09/30/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570181	MW-80_20211102	MW-80	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92527326	MW-81_20210311	MW-81	03/11/2021	<5	**3.5**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**2.9**	**2.9**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**12.5**	<0.5	<1	**12.3**	<0.5	<1	**42.3**	**22**	**20.3**	**1,640**	**263**	**93.5**	**170**
92531225	MW-81_20210405	MW-81	04/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	**60.8**	<50	<50	**60.8**
92537153	MW-81_20210505	MW-81	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541992	MW-81_20210602	MW-81	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-81_20210707	MW-81	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-81_20210803	MW-81	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558741	MW-81_20210831	MW-81	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564333	MW-81_20210930	MW-81	09/30/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570181	MW-81_20211102	MW-81	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92527326	MW-82_20210311	MW-82	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531225	MW-82_20210405	MW-82	04/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-82_20210505	MW-82	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92541992	MW-82_20210602	MW-82	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-82_20210707	MW-82	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-82_20210803	MW-82	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558741	MW-82_20210831	MW-82	08/31/2021	**5.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564333	MW-82_20210930	MW-82	09/30/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570181	MW-82_20211102	MW-82	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92527326	MW-83_20210311	MW-83	03/11/2021	**67.3**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531853	MW-83_20210407	MW-83	04/07/2021	**35.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-83_20210505	MW-83	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92541699	MW-83_20210601	MW-83	06/01/2021	**9.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-83_20210707	MW-83	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553519	MW-83_20210804	MW-83	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558742	MW-83_20210831	MW-83	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564333	MW-83_20210930	MW-83	09/30/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92571046	MW-83_20211105	MW-83	11/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92527326	MW-84_20210311	MW-84	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**1.4**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531853	MW-84_20210407	MW-84	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-84_20210505	MW-84	05/05/2021	**45.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	**269**	<50	<50	**271**
92541699	MW-84_20210601	MW-84	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-84_20210707	MW-84	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-84_20210803	MW-84	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558742	MW-84_20210831	MW-84	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.73**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564485	MW-84_20211001	MW-84	10/01/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	**0.13J**	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.94**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.57J**	**0.19J**	**0.38J**	<100	<100	<100	NA
92570181	MW-84_20211102	MW-84	11/02/2021	<5	**0.52**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.98**	<0.5	<1	<0.5	<0.5	<1	**0.39J**	<1	**0.39J**	<50	<50	<50	<50
92531231	MW-86_20210405	MW-86	04/05/2021	**175**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-86_20210504	MW-86	05/04/2021	**100**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541991	MW-86_20210602	MW-86	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548169	MW-86_20210707	MW-86	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	MW-86_20210802	MW-86	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558446	MW-86_20210830	MW-86	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564327	MW-86_20210930	MW-86	09/30/2021	**5.2**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564327	DUP-1-20210930	MW-86	09/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569882	MW-86_20211101	MW-86	11/01/2021	**19.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-87_20210506	MW-87	05/06/2021	<5	**0.55**	**0.31J**	<0.5	<0.5	<1	**3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.63**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-87_20210604	MW-87	06/04/2021	<5	<0.5	**0.41J**	<0.5	<0.5	<1	**3.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-87_20210709	MW-87	07/09/2021	<5	<0.5	**0.35J**	<0.5	<0.5	<1	**2.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-87_20210804	MW-87	08/04/2021	<5	<0.5	**0.76J**	<0.5	<0.5	<1	**4.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	DUP-2-20210804	MW-87	08/04/2021	<5	<0.5	**0.75J**	<0.5	<0.5	<1	**4.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-87_20210902	MW-87	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**5.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.0**	<0.5	<1	<0.5	<0.5	<1	**1.31J**	**0.86J**	**0.45J**	<50	<50	<50	<50
92564084	MW-87_20210929	MW-87	09/29/2021	<5.0	<0.5	**0.87**	<0.5	<0.5	<0.5	**6.2**	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.31J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.41J**	**0.26J**	**0.15J**	<100	<100	<100	NA
92570483	MW-87_20211103	MW-87	11/03/2021	<5	<0.5	**0.5J**	<0.5	<0.5	<1	**4.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-88_20210506	MW-88	05/06/2021	<5	<0.5	**0.48J**	<0.5	<0.5	<1	**2.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-88_20210604	MW-88	06/04/2021	<5	<0.5	**0.34J**	<0.5	<0.5	<1	**2.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-88_20210709	MW-88	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-88_20210804	MW-88	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-88_20210901	MW-88	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563804	MW-88_20210928	MW-88	09/28/2021	**7.1**	<0.5	**0.22J**	<0.5	<0.5	<0.5	**1.2**	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-88_20211103	MW-88	11/03/2021	**15.3**	<0.5	<0.5	<0.5	<0.5	<1	**1.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-89_20210507	MW-89	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-89_20210604	MW-89	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-89_20210604	MW-89	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-89_20210709	MW-89	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-89_20210804	MW-89	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-89_20210901	MW-89	09/01/2021	**7.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563804	MW-89_20210928	MW-89	09/28/2021	**5.6**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-89_20211103	MW-89	11/03/2021	**15.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92543881	MW-92_20210611	MW-92	06/11/2021	<5	<0.5	**0.39J**	<0.5	<0.5	<1	**2.7**	<1	<0.5	<0.5	<0.5	**0.5J**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-92_20210708	MW-92	07/08/2021	**14.7**	<0.5	<0.5	<0.5	<0.5	<1	**0.63**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-92_20210805	MW-92	08/05/2021	**9.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-92_20210901	MW-92	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564084	MW-92_20210929	MW-92	09/29/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-92_20211103	MW-92	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92543881	MW-93_20210611	MW-93	06/11/2021	**19.8**	<0.5	<0.5	<0.5	<0.5	<1	**0.47J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-93_20210708	MW-93	07/08/2021	**10**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-93_20210805	MW-93	08/05/2021	**9.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-93_20210901	MW-93	09/01/2021	**8.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564084	MW-93_20210929	MW-93	09/29/2021	**6.6**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-93_20211103	MW-93	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570483	DUP-2-20211103	MW-93	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
FA89164-1	MW-94_20210921	MW-94	09/21/2021	<1.1	<0.5	**0.44J**	<0.5	<0.5	<0.5	**2.2**	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92563804	MW-94_20210928	MW-94	09/28/2021	**4.7J**	<0.5	**0.26J**	<0.5	<0.5	<0.5	**1.8**	<0.6	<0.5	<0.5	<0.5	<0.5	**0.41J**	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**2.4**	<0.5	<0.5	**0.10J**	<0.5	<0.5	**2.14**	**1.5**	**0.64**	<100	<100	<100	NA
92570483	MW-94_20211103	MW-94	11/03/2021	**8.4**	<0.5	**0.38J**	<0.5	<0.5	<1	**2.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564492	MW-95_20211001	MW-95	10/01/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.59**	<0.6	<0.5	<0.5	<0.5	**2.3**	<0.5	<0.6	<0.5	<5	**0.32J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.35J**	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-95_20211104	MW-95	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**2.1**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.51J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570816	DUP-2-20211104	MW-95	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**2.1**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	**0.32J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564492	MW-96_20211001	MW-96	10/01/2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.13J**	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-96_20211104	MW-96	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
Bedrock Unit Monitoring Wells																																					
92564084	MW-04D_20210929	MW-04D	09/29/2021	**4.5J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.16J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.32J**	**0.23J**	**0.09J**	<100	<100	<100	NA
92570816	MW-04D_20211104	MW-04D	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92515762	MW-7D (120-127)'	MW-07D	01/10/2021	**18.8**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**66.9**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	**132**	<100	<100	**132**
92515762	DUP-6	MW-07D	01/10/2021	**7**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**60.2**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	**127**	<100	<100	**127**
92515762	MW-7D (84-91)'	MW-07D	01/11/2021	**15.5**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**146**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	**285**	<100	<100	**285**
92521237	MW-7D_20210209	MW-07D	02/09/2021	<5	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<4	<1	<4	<1	<4	<1	<1	<1	**184**	<1	<2	<1	<1	<2	<3	<2	<1	**360**	<100	<100	**360**
92526618	MW-07D_20210309	MW-07D	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.66**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92532417	MW-07D_20210408	MW-07D	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-07D_20210507	MW-07D	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-07D_20210603	MW-07D	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-07D_20210709	MW-07D	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-07D_20210805	MW-07D	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	DUP-1-20210805	MW-07D	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-07D_20210901	MW-07D	09/01/2021	**4.9J**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.86**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563487	MW-07D_20210927	MW-07D	09/27/2021	<5	**2.8**	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	**9.9**	**0.65**	<0.6	<0.5	<5	**4.4**	<0.5	<0.5	<0.5	<0.5	**0.42J**	<0.5	<0.5	**0.24J**	<0.5	<0.5	**2.9**	**1.9**	**1.0**	<100	<100	<100	NA
92566046	MW-07D_20211011	MW-07D	10/11/2021	<5.0	**13**	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	**14**	**0.81**	<0.6	<0.5	<5	**7.4**	<0.5	**0.13J**	<0.5	<0.5	**1.0J**	<0.5	<0.5	**0.88J**	**0.3J**	<0.5	**8.5**	**4**	**4.5**	<100	<100	<100	NA
92570483	MW-07D_20211103	MW-07D	11/03/2021	<5	**28.0**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**15.3**	<0.5	<2	<0.5	<2	**6.9**	<2	<0.5	<0.5	<0.5	**0.92**	<0.5	<1	**1.3**	<0.5	<1	**9.0**	**3.3**	**5.7**	**151**	<50	<50	**176**
92570483	DUP-1-20211103	MW-07D	11/03/2021	<5	**29.9**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**15.8**	<0.5	<2	<0.5	<2	**7.2**	<2	<0.5	<0.5	<0.5	**1.1**	<0.5	<1	**1.4**	<0.5	<1	**10.2**	**3.7**	**6.5**	**176**	<50	<50	**202**
92526264	MW-14D_20210308	MW-14D	03/08/2021	**59.2**	<0.5	<0.5	<0.5	<0.5	<1	**1.2**	<1	<0.5	<0.5	<0.5	**0.51**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531231	MW-14D_20210405	MW-14D	04/05/2021	**143**	<0.5	<0.5	<0.5	<0.5	<1	**0.97**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-14D_20210504	MW-14D	05/04/2021	**13.5**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541703	MW-14D_20210601	MW-14D	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547899	MW-14D_20210706	MW-14D	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	MW-14D_20210802	MW-14D	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558447	MW-14D_20210830	MW-14D	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564084	MW-14D_20210929	MW-14D	09/29/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.21J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.61J**	**0.45J**	**0.16J**	<100	<100	<100	NA
92570178	MW-14D_20211102	MW-14D	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548519	MW-16D_20210708	MW-16D	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553519	MW-16D_20210804	MW-16D	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	**3.6**	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.1**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559332	MW-16D_20210902	MW-16D	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.1**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564485	MW-16D_20211001	MW-16D	10/01/2021	<5.0	**0.13J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	**0.15J**	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.2**	<0.5	<0.5	**0.12J**	<0.5	<0.5	**1.16J**	**0.83J**	**0.33J**	<100	<100	<100	NA
92571046	MW-16D_20211105	MW-16D	11/05/2021	**5.0**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.56**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																												MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	70	3000	70	3	100	0.4	0.4	70	600	0.4	70	5	20	6	70	70	0.7	600	3	2000	400	400	0.03	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92515755	MW-25D (125-139)	MW-25D	01/09/2021	**5.1**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	**1.2**	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515755	DUP-1-20210109	MW-25D	01/09/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	**1.2**	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515869	MW-25D (83-90)	MW-25D	01/11/2021	**8.1**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	**0.88**	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**131**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	**118**	<100	<100	**118**
92515869	MW-25D (108-115)	MW-25D	01/11/2021	**7.9**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	**0.91**	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**34.1**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515869	MW-25D (115-122)	MW-25D	01/11/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	**0.97**	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**3.8**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515869	DUP-7	MW-25D	01/11/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	**0.98**	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**4**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92521871	MW-25D_20210211	MW-25D	02/11/2021	<5	**1.5**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.69**	**1.5**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**19.9**	<0.5	<1	**1.6**	<0.5	<1	**8.1**	**5.4**	**2.7**	<100	<100	<100	**115**
92526977	MW-25D_20210310	MW-25D	03/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**1.2**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92532417	MW-25D_20210408	MW-25D	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.57**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-25D_20210507	MW-25D	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**1.2**	<0.5	<2	<0.5	<2	**0.44J**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-25D_20210603	MW-25D	06/03/2021	<5	**0.46J**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**7.3**	<0.5	<2	<0.5	<2	**3.4**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-25D_20210708	MW-25D	07/08/2021	**7.9**	**12.5**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**11.6**	**0.88**	<2	<0.5	<2	**6.4**	<2	<0.5	<0.5	<0.5	**0.64**	<0.5	<1	<0.5	<0.5	<1	**5.0**	**2.1**	**2.9**	**109**	<50	<50	**127**
92551300	MW-25D_20210722	MW-25D	07/22/2021	NA	**5.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
92554285	MW-25D_20210806	MW-25D	08/06/2021	<5	**4.8**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**15.5**	<0.5	<2	<0.5	<2	**8**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**1.1**	<1	**1.1**	**82.3**	<50	<50	**87.3**
92559360	MW-25D_20210902	MW-25D	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**2.7**	<0.5	<2	<0.5	<2	**1.2**	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564084	MW-25D_20210929	MW-25D	09/29/2021	**4.7J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	**0.34J**	<0.5	<0.6	<0.5	<5	**0.26J**	<0.5	<0.5	<0.5	<0.5	**0.28J**	<0.5	<0.5	**0.10J**	<0.5	<0.5	**0.73J**	**0.54J**	**0.19J**	<100	<100	<100	NA
92570816	MW-25D_20211104	MW-25D	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**0.5J**	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541992	MW-31D_20210602	MW-31D	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-31D_20210707	MW-31D	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-31D_20210803	MW-31D	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558741	MW-31D_20210831	MW-31D	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564485	MW-31D_20211001	MW-31D	10/01/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.12J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.34J**	**0.25J**	**0.09J**	<100	<100	<100	NA
92570181	MW-31D_20211102	MW-31D	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92514955	MW-36D (96.5-103.5)	MW-36D	01/05/2021	**40.5**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**169**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	**280**	<100	<100	**318**
92514955	DUP-2	MW-36D	01/05/2021	**47.3**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**164**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	**281**	<100	<100	**318**
92521237	MW-36D_20210209	MW-36D	02/09/2021	**72.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.1**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526618	MW-36D_20210309	MW-36D	03/09/2021	**76.9**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92537489	MW-36DR_20210506	MW-36DR	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-36DR_20210604	MW-36DR	06/04/2021	**5.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-36DR_20210709	MW-36DR	07/09/2021	**7.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554285	MW-36DR_20210806	MW-36DR	08/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	MW-36DR_20210902	MW-36DR	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	**68.2**
92559360	DUP-1-20210902	MW-36DR	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564084	MW-36DR_20210929	MW-36DR	09/29/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-36DR_20211104	MW-36DR	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92516451	MW-57D (91-101)	MW-57D	01/12/2021	**124**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**8**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92521237	MW-57D_20210209	MW-57D	02/09/2021	**22.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526618	MW-57D_20210309	MW-57D	03/09/2021	**8.0**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92530256	MW-57D_20210407	MW-57D	04/07/2021	**31.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-57D_20210507	MW-57D	05/07/2021	**19.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-57D_20210603	MW-57D	06/03/2021	**6.1**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-57D_20210708	MW-57D	07/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-57D_20210805	MW-57D	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-57D_20210901	MW-57D	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563804	MW-57D_20210928	MW-57D	09/28/2021	**4.8J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570816	MW-57D_20211104	MW-57D	11/04/2021	**14.2**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																										MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	70	3000	70	3	100	0.4	0.4	70	600	0.4	70	5	20	6	70	70	0.7	600	3	2000	400	400	0.03	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92515213	MW-59D (150-160)	MW-59D	01/06/2021	**6.9**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**34.3**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515213	DUP-3	MW-59D	01/06/2021	**9.9**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**35**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92522123	MW-59D_20210212	MW-59D	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**23.3**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	MW-59D_20210310	MW-59D	03/10/2021	**5.7**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**13.1**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92532417	MW-59D_20210408	MW-59D	04/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-59D_20210507	MW-59D	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-59D_20210604	MW-59D	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.83**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-59D_20210709	MW-59D	07/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.55**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92514602	MW-61D(96.5-103.5)	MW-61D	01/04/2021	**8.3**	<0.50	**2.8**	<0.50	<0.50	<1.0	**11.3**	<1.0	<0.50	**0.65**	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**2**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92514602	DUP-1	MW-61D	01/04/2021	**12**	<0.50	**3**	<0.50	<0.50	**1.1**	**11.4**	<1.0	<0.50	**0.55**	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	**1.5**	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92521555	MW-61D_20210210	MW-61D	02/10/2021	<5	<0.5	**3.3**	<0.5	<0.5	<1	**12.9**	<1	<0.5	**0.89**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	MW-61D_20210310	MW-61D	03/10/2021	<5	<0.5	**3.1**	<0.5	<0.5	<1	**12.0**	<1	<0.5	**0.59**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92530256	MW-61D_20210407	MW-61D	04/07/2021	<5	<0.5	**2.8**	<0.5	<0.5	<1	**12.0**	<1	<0.5	**0.84**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-61D_20210507	MW-61D	05/07/2021	<5	<0.5	**2.8**	<0.5	<0.5	<1	**12.7**	<1	<0.5	**0.67**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541993	MW-61D_20210602	MW-61D	06/02/2021	<5	<0.5	**2.5**	<0.5	<0.5	<1	**11.8**	<1	<0.5	**0.60**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	MW-61D_20210709	MW-61D	07/09/2021	<5	<0.5	**1.4**	<0.5	<0.5	<1	**7.1**	<1	<0.5	**0.36J**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-61D_20210804	MW-61D	08/04/2021	<5	<0.5	**1.4**	<0.5	<0.5	<1	**6.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	MW-61D_20210901	MW-61D	09/01/2021	<5	<0.5	**1.6**	<0.5	<0.5	<1	**8.0**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	DUP-2-20210901	MW-61D	09/01/2021	<5	<0.5	**1.5**	<0.5	<0.5	<1	**7.1**	<1	<0.5	**0.41J**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564336	MW-61D_20210929	MW-61D	09/29/2021	<5.0	<0.5	**2.0**	<0.5	<0.5	<0.5	**9.0**	<0.6	<0.5	**0.38J**	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92570483	MW-61D_20211103	MW-61D	11/03/2021	<5	<0.5	**1.3**	<0.5	<0.5	<1	**6.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92515858	MW-62D (125-143)	MW-62D	01/07/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92522265	MW-62D_20210215	MW-62D	02/15/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526264	MW-62D_20210308	MW-62D	03/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531580	MW-62D_20210406	MW-62D	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**0.52**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**2.6**	**1.0**	**1.6**	<50	<50	<50	<50
92537466	MW-62D_20210506	MW-62D	05/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**0.39J**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.68**	<0.5	<1	<0.5	<0.5	<1	**1.99**	**0.89J**	**1.1**	<50	<50	<50	<50
92541703	MW-62D_20210601	MW-62D	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**0.78**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**3.1**	<0.5	<1	**0.69**	<0.5	<1	**4.40**	**2.6**	**1.8**	<50	<50	<50	<50
92547899	MW-62D_20210706	MW-62D	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**0.45J**	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.7**	<0.5	<1	<0.5	<0.5	<1	**2.35**	**1.5**	**0.85**	<50	<50	<50	<50
92553185	MW-62D_20210803	MW-62D	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.93**	<0.5	<1	<0.5	<0.5	<1	**1.41**	**0.88J**	**0.53**	<50	<50	<50	<50
92558447	MW-62D_20210830	MW-62D	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92564327	MW-62D_20210930	MW-62D	09/30/2021	**5.6**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	**0.20J**	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.53**	<0.5	<0.5	**0.14J**	<0.5	<0.5	**1.19J**	**0.83J**	**0.36J**	<100	<100	<100	NA
92570178	MW-62D_20211102	MW-62D	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92515642	MW-65D (115-150)	MW-65D	01/07/2021	**12.2**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515543	DUP-1-20210107	MW-65D	01/07/2021	**20.8**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92522267	MW-65D_20210215	MW-65D	02/15/2021	**9.6**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1.0	<0.50	<100	<100	<100	<100
92522267	DUP-1-20210215	MW-65D	02/15/2021	**14.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.53**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526262	MW-65D_20210308	MW-65D	03/08/2021	**12**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92531238	MW-65D-20210405	MW-65D	04/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	**0.53**	<0.5	<1	**3.8**	**2.6**	**1.2**	<50	<50	<50	<50
92536430	MW-65D_20210503	MW-65D	05/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	**1.61**	**1.2**	**0.41J**	<50	<50	<50	<50
92537720	MW-65D_20210507	MW-65D	05/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92541706	MW-65D_20210601	MW-65D	06/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92547898	MW-65D_20210706	MW-65D	07/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552963	MW-65D_20210802	MW-65D	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558449	MW-65D_20210830	MW-65D	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564680	MW-65D_20211004	MW-65D	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.15J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.29J**	**0.29J**	<0.5	<100	<100	<100	NA
92569881	MW-65D_20211101	MW-65D	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92527326	MW-79D_20210311	MW-79D	03/11/2021	**10.8**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**7.2**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531585	MW-79D_20210406	MW-79D	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**0.61**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**12**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	**53.9**	<50	<50	**53.9**
92537153	MW-79D_20210505	MW-79D	05/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**4.1**	<0.5	**0.33J**	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92541992	MW-79D_20210602	MW-79D	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**2.3**	<0.5	**0.36J**	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-79D_20210707	MW-79D	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**6.1**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553519	MW-79D_20210804	MW-79D	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**6**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	**61**
92558737	MW-79D_20210831	MW-79D	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**8.5**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	**52.5**
92564485	MW-79D_20211001	MW-79D	10/01/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	**0.11J**	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**8.8**	<0.5	<0.5	**0.11J**	<0.5	**0.22J**	**0.83J**	**0.58J**	**0.25J**	<100	<100	<100	NA
92570181	MW-79D_20211102	MW-79D	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**6.8**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-81D_20210707	MW-81D	07/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-81D_20210803	MW-81D	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558741	MW-81D_20210831	MW-81D	08/31/2021	**7.4**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92564485	MW-81D_20211001	MW-81D	10/01/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	**0.13J**	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.43J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.72J**	**0.53J**	**0.19J**	<100	<100	<100	NA
92570181	MW-81D_20211102	MW-81D	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559331	MW-89D_20210902	MW-89D	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92561826	MW-89D_20210916	MW-89D	09/16/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92563487	MW-89D_20210927	MW-89D	09/27/2021	<5	<0.5	**0.34J**	<0.5	<0.5	<0.5	**2.0**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.82J**	**0.58J**	**0.24J**	<100	<100	<100	NA
92570483	MW-89D_20211103	MW-89D	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	**1.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92561826	MW-90DD_20210916	MW-90DD	09/16/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.72**	<0.5	<1	<0.5	<0.5	<1	**1.14**	**0.80J**	**0.34J**	<50	<50	<50	<50
92570816	MW-90DD_20211104	MW-90DD	11/04/2021	<5	**7.4**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**3.7**	**1.0**	<2	<0.5	<2	**1.6**	<2	<0.5	<0.5	<0.5	**12.6**	<0.5	<1	<0.5	<0.5	<1	**5.1**	**3.4**	**1.7**	**85.6**	<50	<50	**99.8**
92573585	MW-90DD_20211119	MW-90DD	11/19/2021	<5	**10.8**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	**5.0**	**1.3**	<2	<0.5	<2	**2.1**	<2	<0.5	<0.5	<0.5	**18.7**	<0.5	<1	**0.66**	<0.5	<1	**7.4**	**4.9**	**2.5**	**137**	<50	<50	**174**
92563172	MW-91DD	MW-91DD	09/23/2021	**7.1**	**0.47J**	<0.5	**0.51**	<0.5	<0.5	**0.72**	<1	<0.5	NA	<0.5	<0.5	**2.2**	<0.6	**0.26J**	<5	<0.5	**1.4**	**0.88**	<0.5	<0.5	**6.2**	<0.5	<0.5	**3.3**	**1.8**	<0.5	**12.6**	**6.7**	**5.9**	<100	**120**	<100	NA
92571040	MW-91DD_20211105	MW-91DD	11/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**1.9**	<0.5	<1	<0.5	**0.82**	<1	**2.8**	<1	**2.8**	<50	<50	<50	<50
92566046	MW-97D_20211011	MW-97D	10/11/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.16J**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.47J**	**0.35J**	**0.12J**	<100	<100	<100	NA
92570483	MW-97D_20211103	MW-97D	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92516451	Walker (101-108)	MW-14015_AC_RD	01/13/2021	**81.4**	<2.0	**7.5**	<2.0	<2.0	<4.0	**403**	**4.9**	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0	<2.0	<8.0	<2.0	<8.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<4.0	<6.0	<4.0	<2.0	**220**	<100	<100	**350**
92516451	Walker (48-55)	MW-14015_AC_RD	01/13/2021	**5.8**	<0.50	**3.8**	**5.4**	<0.50	<1.0	**81.3**	**1.1**	**1.2**	**0.62**	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	**131**
92516451	Dup-9	MW-14015_AC_RD	01/13/2021	**6.2**	<0.50	**3.9**	**6.6**	<0.50	<1.0	**78.7**	<1.0	**1.3**	**0.62**	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	**115**
QC Data																																					
92493062	TB-2	N/A	08/28/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92493708	Trip Blank	N/A	09/02/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92493864	Trip Blank	N/A	09/02/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92494322	Trip Blank	N/A	09/03/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92496397	Trip Blank	N/A	09/18/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92494640	Trip Blank-03	N/A	09/09/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92494923	Trip Blank-03	N/A	09/09/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92494864	Trip Blank-04	N/A	09/10/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92495100	Trip Blank-05	N/A	09/11/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92495103	Trip Blank-05	N/A	09/11/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92495239	Trip Blank-06	N/A	09/13/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92495241	Trip Blank-06	N/A	09/13/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92495244	Trip Blank-06	N/A	09/13/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92495624	Trip Blank-07	N/A	09/15/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92495626	Trip Blank-07	N/A	09/15/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92495627	Trip Blank-07	N/A	09/15/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92495907	Trip Blank-07	N/A	09/16/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92495905	Trip Blank-07	N/A	09/16/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92495906	Trip Blank-07	N/A	09/16/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92496816	TB-20200922	N/A	09/20/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																												MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	70	3000	70	3	100	0.4	0.4	70	600	0.4	70	5	20	6	70	70	0.7	600	3	2000	400	400	0.03	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92496817	TB-20200922	N/A	09/22/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92497017	TB-20200923	N/A	09/22/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92497774	TB-20200928	N/A	09/28/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92499587	Trip Blank	N/A	10/07/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92500605	Trip Blank	N/A	10/07/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92500606	Trip Blank	N/A	10/07/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92501343	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92501344	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92501345	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92501355	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92501615	Trip Blank	N/A	10/21/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92501616	TRIP BLANK	N/A	10/21/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92501960	TRIP BLANK	N/A	10/23/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92508536	Trip Blank	N/A	11/30/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92508536	Trip Blank 2	N/A	11/30/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92508884	Trip Blank	N/A	12/01/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92509250	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92509252	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92509253	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92509255	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92509251	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92508881	Trip Blank	N/A	12/01/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92509555	Trip Blank	N/A	12/03/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92509560	Trip Blank	N/A	12/03/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92508886	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92514892	Trip Blank	N/A	01/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92515214	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92515216	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92514602	Trip Blank	N/A	01/04/2021	NA	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	NA	NA	NA	NA
92514955	Trip Blank	N/A	01/05/2021	NA	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	NA	NA	NA	NA
92515213	TB	N/A	01/06/2021	NA	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	NA	NA	NA	NA
92515075	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92515543	TRIP BLANK	N/A	01/07/2021	NA	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	NA	NA	NA	NA
92515354	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92515387	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92515544	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92515548	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92515755	Trip Blank	N/A	01/09/2021	NA	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	NA	NA	NA	NA
92515762	Trip Blank	N/A	01/10/2021	NA	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	NA	NA	NA	NA
92516451	Trip Blank	N/A	01/12/2021	NA	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	NA	NA	NA	NA
92520901	Trip Blank	N/A	02/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92521237	Trip Blank	N/A	02/09/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92521871	TRIP BLANK	N/A	02/11/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92522125	Trip Blank	N/A	02/12/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92521555	Trip Blank	N/A	02/10/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92522267	Trip Blank	N/A	02/15/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92526616	Trip Blank	N/A	03/09/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92526262	Trip Blank	N/A	03/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92526264	Trip Blank	N/A	03/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	70	3000	70	3	100	0.4	0.4	70	600	0.4	70	5	20	6	70	70	0.7	600	3	2000	400	400	0.03	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92526257	Trip Blank	N/A	03/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92526618	TRIP BLANK	N/A	03/09/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92526989	Trip Blank	N/A	03/10/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92526977	Trip Blank	N/A	03/10/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92527327	Trip Blank	N/A	03/11/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92527336	Trip Blank	N/A	03/11/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92527326	Trip Blank	N/A	03/11/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92527474	Trip Blank	N/A	03/12/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92527475	Trip Blank	N/A	03/12/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92531225	Trip Blank	N/A	04/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92531227	Trip Blank	N/A	04/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92531238	Trip Blank	N/A	04/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92531231	Trip Blank	N/A	04/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92531580	Trip Blank	N/A	04/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92531585	Trip Blank	N/A	04/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92531581	Trip Blank	N/A	04/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92531853	Trip Blank	N/A	04/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92532417	Trip Blank	N/A	04/09/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92536428	Trip Blank	N/A	05/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92536430	Trip Blank	N/A	05/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92536429	Trip Blank	N/A	05/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92536726	Trip Blank	N/A	05/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92537489	Trip Blank	N/A	05/15/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92537784	Trip Blank	N/A	05/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92537784	Trip Blank	N/A	05/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92541699	Trip Blank	N/A	06/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92541703	TB	N/A	06/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92541706	TRIP BLANK	N/A	06/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92541705	TRIP BLANK	N/A	06/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92542375	Trip Blank 1	N/A	06/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92542375	Trip Blank 2	N/A	06/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92542611	Trip Blank-1	N/A	06/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92542611	Trip Blank-2	N/A	06/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92541991	Trip Blank	N/A	06/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92541992	Trip Blank	N/A	06/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92541993	Trip Blank	N/A	06/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92542350	Trip Blank	N/A	06/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92542352	Trip Blank	N/A	06/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92543881	Trip Blank	N/A	06/11/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92544305	Trip Blank	N/A	06/15/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92547898	Trip Blank	N/A	07/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	NA	NA	NA	NA
92547901	Trip Blank	N/A	07/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92548170	Trip Blank	N/A	07/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92548168	Trip Blank	N/A	07/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92548169	Trip Blank	NA	07/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92548527	Trip Blank	N/A	07/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92548518	Trip Blank	N/A	07/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92548519	Trip Blank	N/A	07/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92548787	TRIP BLANK	N/A	07/09/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																												MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92551297	TRIP BLANK	N/A	07/22/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92551300	TRIP BLANK	N/A	07/22/2021	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
92553065	TRIP BLANK	N/A	08/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92552929	TRIP BLANK	N/A	08/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92553185	TRIP BLANK	N/A	08/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92553189	TRIP BLANK	N/A	08/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92553563	TRIP BLANK	NA	08/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92553519	TRIP BLANK	NA	08/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92554137	Trip Blank	NA	08/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92554285	TB-2	NA	08/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92554285	Trip Blank	NA	08/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92558448	TRIP BLANK	NA	08/30/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92558450	TRIP BLANK	NA	08/30/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92558446	TRIP BLANK	NA	08/30/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92558740	TRIP BLANK	NA	08/31/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92558738	TRIP BLANK	NA	08/31/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92559014	TRIP BLANK-1	NA	09/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92559014	TRIP BLANK-2	NA	09/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92559014	TRIP BLANK-3	NA	09/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92559334	TRIP BLANK	NA	09/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92559360	TRIP-1	NA	09/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92559360	TRIP-2	NA	09/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92559360	TRIP-3	NA	09/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92563487	TRIP BLANK	NA	09/27/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.90J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92563804	TRIP BLANK	NA	09/28/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.73J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92564084	TRIP BLANK	NA	09/29/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.64J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564327	TRIP BLANK	NA	09/30/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.61J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92564336	TRIP BLANK	NA	09/30/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.66J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92564333	TRIP BLANK	NA	09/30/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.75J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92565572	Trip Blank	NA	10/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92564680	TRIP BLANK	NA	10/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**1.0J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92564679	TRIP BLANK	NA	10/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.92J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92564770	TRIP BLANK	NA	10/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**1.0J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92564678	TRIP BLANK	NA	10/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**1.1J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92566046	TRIP BLANK_20211011	NA	10/11/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**1.1J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92569880	TRIP BLANK	NA	11/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92569881	TRIP BLANK	NA	11/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92569882	TRIP BLANK	NA	11/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92570178	TRIP BLANK	NA	11/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92570181	TRIP BLANK-1	NA	11/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92570181	TRIP BLANK-2	NA	11/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92570483	TRIP BLANK	NA	11/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92570816	TRIP BLANK	NA	11/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92571046	TRIP BLANK	NA	11/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92571040	TRIP BLANK	NA	11/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92573585	TRIP BLANK	NA	11/19/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92499587	EB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92499587	FB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92500605	EB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																											MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92500605	FB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92500606	EB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92500606	FB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	FB-01-20201021	N/A	10/21/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	FB-2-20201022	N/A	10/22/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	FB-3-20201023	N/A	10/23/2020	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	FB-01-20201130	N/A	11/30/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509251	FB-1-20201202	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92509560	FB-1-20201203	N/A	12/03/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92508881	FB-1-20201201	N/A	12/01/2020	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	FB-1-20210104	N/A	01/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514898	FB-1-20210105	N/A	01/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92514602	EB-1	N/A	01/04/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92514602	FB-1	N/A	01/04/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92514955	EB-1	N/A	01/05/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92514955	FB-1	N/A	01/05/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515213	EB-3	N/A	01/06/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515213	FB-3	N/A	01/06/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515075	FB-1-20210106	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515543	EB-1-20210107	N/A	01/07/2021	**21.3**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515543	FB-1-20210107	N/A	01/07/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515544	FB-1-20210107	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92515755	EB-1-20210109	N/A	01/09/2021	**9.2**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515755	FB-1-20210109	N/A	01/09/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515762	EB-6	N/A	01/10/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515762	FB-6	N/A	01/10/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515869	EB-7	N/A	01/11/2021	**6.9**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515869	FB-7	N/A	01/11/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92516451	EB-8	N/A	01/12/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92516451	FB-8	N/A	01/12/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92516451	EB-9	N/A	01/13/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92516451	FB-9	N/A	01/13/2021	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<1.5	<1.0	<0.50	<100	<100	<100	<100
92520901	FB-1-20210208	N/A	02/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	FB-1-20210209	N/A	02/09/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521851	FB-1-20210211	N/A	02/11/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522123	EB-1-20210212	N/A	02/12/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522123	FB-1-20210212	N/A	02/12/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	EB-1-20210210	N/A	02/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	FB-1-20210210	N/A	02/10/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522267	EB-1-20210215	N/A	02/15/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92522267	FB-1-20210215	N/A	02/15/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526264	EB-1-20210308	N/A	03/08/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526264	FB-1-20210308	N/A	03/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526616	FB-1-20210309	N/A	03/09/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526618	EB-1-20210309	N/A	03/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526989	FB-1-20210310	N/A	03/10/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	EB-1-20210310	N/A	03/10/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<100	<100	<100	<100
92527326	EB-1-20210311	N/A	03/11/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92527326	FB-1-20210311	N/A	03/11/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																												MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92527475	FB-1-20210312	N/A	03/12/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531225	FB-1-20210405	N/A	04/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531238	EB-1-20210405	N/A	04/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	EB-1-20210406	N/A	04/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92530256	EB-1-20210407	N/A	04/07/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92531581	FB-1-20210406	N/A	04/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	**66.8**	<50	**64.7**
92531853	FB-1-20210407	N/A	04/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	EB-1-20210409	N/A	04/09/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	FB-1-20210408	N/A	04/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	FB-1-20210409	N/A	04/09/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92536428	FB-1-20210503	N/A	05/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	EB-1-20210506	N/A	05/06/2021	**4.6J**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	**3.2**	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	FB-1-20210506	N/A	05/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	FB-1-20210507	N/A	05/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	**2.8 C0**	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541699	FB-1-20210601	N/A	06/01/2021	NA	<0.5	**0.52**	<0.5	<0.5	<1	**2.0**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541703	EB-1-20210601	N/A	06/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	**3.3**	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541705	FB-2-20210601	N/A	06/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	**0.38J**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	**3.6**	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	EB-1-20210603	N/A	06/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	FB-2-20210603	N/A	06/03/2021	NA	<0.5	**0.34J**	<0.5	<0.5	<1	**1.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	EB-1-20210604	N/A	06/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	FB-1-20210604	N/A	06/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	FB-2-20210604	N/A	06/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541991	DUP-1-20210602	N/A	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541991	FB-1-20210602	N/A	06/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	**4.4**	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541993	EB-1-20210602	N/A	06/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	**4.8**	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92541993	FB-2-20210602	N/A	06/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	**4.6**	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92542352	FB-1-20210603	N/A	06/03/2021	NA	<0.5	**0.36J**	<0.5	<0.5	<1	**1.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92544305	FB-1	N/A	06/15/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<0.5	<50	<50	<50	<50
92548170	EB-1-20210707	N/A	07/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548169	FB-1-20210707	N/A	07/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548168	FB-2-20210707	N/A	07/07/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548518	FB-1-20210708	N/A	07/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548519	EB-1-20210708	N/A	07/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548519	FB-2-20210708	N/A	07/08/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	FB-1-20210709	N/A	07/09/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92548787	FB-2-20210709	N/A	07/09/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92551297	FB-1-20210722	N/A	07/22/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	NA	NA	NA	NA
92551300	EB-1-20210722	N/A	07/22/2021	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
92553065	EB-2-20210802	N/A	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	FB-1-20210802	N/A	08/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552929	EB-1-20210802	N/A	08/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92552963	FB-2-20210802	N/A	08/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553185	EB-1-20210803	N/A	08/03/2021	<5	**0.69**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	**0.35J**	<2	<0.5	**2**	<0.5	<2	<0.5	<0.5	<0.5	**2.6**	<0.5	<0.5	<1	<0.5	<0.5	<1	**2.48**	**1.6**	**0.88**	<50	<50	<50	<50
92553185	FB-1-20210803	N/A	08/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.6	<1	<0.5	<50	<50	<50	<50
92553189	EB-2-20210803	N/A	08/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	FB-2-20210803	N/A	08/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	EB-2-20210804	N/A	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	FB-2-20210804	N/A	08/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92553519	EB-1-20210804	N/A	08/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																												MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	70	3000	70	3	100	0.4	0.4	70	600	0.4	70	5	20	6	70	70	0.7	600	3	2000	400	400	0.03	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92553519	FB-1-20210804	N/A	08/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	EB-1-20210805	NA	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	EB-2-20210805	NA	08/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	**0.65**	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	FB-1-20210805	NA	08/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	FB-2-20210805	NA	08/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554285	EB-1-20210806	NA	08/06/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92554285	FB-1-20210806	NA	08/06/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559334	FB-1-20210902	NA	9/2/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558446	EB-1 20210830	NA	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558450	EB-2-20210830	NA	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558446	FB-1-20210830	NA	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558448	FB-2-20210830	NA	08/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558740	EB-20210831	NA	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	**15.9**	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558738	EB-1-20210831	NA	08/31/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	**16.5**	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558738	FB-1-20210831	NA	08/31/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92558738	FB-2-20210831	NA	08/31/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	EB-1-20210901	NA	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	EB-2-20210901	NA	09/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	FB-1-20210901	NA	09/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559014	FB-2-20210901	NA	09/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	EB-1-20210902	NA	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	EB-2-20210902	NA	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92559360	FB-2-20210902	NA	09/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92561826	EB-1-20210916	NA	09/16/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	NA	<50
92561826	FB-1-20210916	NA	09/16/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	NA	<50
92563487	EB-1-20210927	NA	09/27/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**1.6J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92563487	FB-1-20210927	NA	09/27/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**1.5J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92563804	EB-1-20210928	NA	09/28/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**1.1J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92563804	FB-1-20210928	NA	09/28/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**1.2J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564084	EB-1-20210929	NA	09/29/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.79J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564084	FB-1-20210929	NA	09/29/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.92J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564492	EB-1-20211001	NA	10/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.65J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564492	FB-1-20211001	NA	10/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.85J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564336	EB-1-20210931	NA	09/30/2021	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**1.2J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564336	FB-1-20210930	NA	09/30/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**1.5J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564678	EB-1-20211004	NA	10/04/2021	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**0.88J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92564678	FB-1-20211004	NA	10/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	**1.0J**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	NA
92569881	EB-1-20211101	NA	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92569881	FB-1-20211101	NA	11/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92569882	EB-2-20211101	NA	11/01/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92569882	FB-2-20211101	NA	11/01/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570178	EB-1-20211102	NA	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570178	FB-1-20211102	NA	11/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570181	EB-2-20211102	NA	11/02/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570181	FB-2-20211102	NA	11/02/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570483	EB-1-20211103	NA	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570483	EB-2-20211103	NA	11/03/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570483	FB-1-202211103	NA	11/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570483	FB-2-202211103	NA	11/03/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																												MADEP VPH (µg/L)			
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				**15**	**1**	**0.6**	**70**	**70**	**3000**	**70**	**3**	**100**	**0.4**	**0.4**	**70**	**600**	**0.4**	**70**	**5**	**20**	**6**	**70**	**70**	**0.7**	**600**	**3**	**2000**	**400**	**400**	**0.03**	**500**	**500**	**500**	**400**	**700**	**200**	**NE**
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92570816	EB-1-20211104	NA	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570816	EB-2-20211104	NA	11/04/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570816	FB-1-20211104	NA	11/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92570816	FB-2-20211104	NA	11/04/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92571046	FB-1-20211105	NA	11/05/2021	NA	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50
92571040	EB-1-20211105	NA	11/05/2021	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1.5	<1	<0.5	<50	<50	<50	<50

Notes:
NA - Not Analyzed
NE - Not Established
All units reported in micrograms per liter (µg/L)
Only detected constituents are shown
NCAC 2L Standard - North Carolina 15A NCAC 2L Groundwater Standard
"<" - Indicates compound was not detected above laboratory reporting limit
Lead - analyzed by Method 6010D
VOCs - Volatile Organic Compounds analyzed by Method SM 6200B
MADEP - Massachusetts Department of Environmental Protection; as required by North Carolina Department of Environmental Quality
VPH - Volatile Petroleum Hydrocarbon
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
C0 - Result confirmed by second analysis
Bold values indicate compound was detected above laboratory reporting limit
Blue shading indicates an exceedance of NCAC 2L Standard
Samples beginning with "DUP" are field duplicates and co-samples of the preceeding row
IMAC - Interim Maximum Allowable Concentration
ID - Identification

Table 5B
Summary of Monitoring Well Select Oxygenate Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID / WSW Address	Sample Date	Alcohol-Glycol (mg/L)	VOCs (µg/L)				
				n-Butanol	Ethanol	Ethyl-tert-butyl ether	tert-Amyl Alcohol	tert-Amylmethyl ether	tert-Butyl Alcohol
IMAC Standards				**0.7**	**4,000**	**47**	**NE**	**128**	**10**
NCAC 2L Standards				**NE**	**--**	**--**	**--**	**--**	**--**
Surficial Unit Monitoring Wells									
92554137	MW-01_20210805	MW-01	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-02_20210806	MW-02	08/06/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-03_20210805	MW-03	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-04_20210806	MW-04	08/06/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-05_20210806	MW-05	08/06/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-06_20210804	MW-06	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-07_20210805	MW-07	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-08_20210803	MW-08	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-09_20210804	MW-09	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-12_20210806	MW-12	08/06/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-13_20210803	MW-13	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-14_20210803	MW-14	08/03/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-15_20210806	MW-15	08/06/2021	<0.2	<200	<10	<100	<10	<50
92553519	MW-16_20210804	MW-16	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553519	MW-17_20210804	MW-17	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-19_20210803	MW-19	08/03/2021	<5	<8000	<400	<4000	<400	<2000
92553563	MW-20_20210804	MW-20	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-21_20210803	MW-21	08/03/2021	<5	<200	<10	<100	**3.6J**	<50
92553189	MW-23_20210803	MW-23	08/03/2021	<5	<200	<10	<100	<10	<50
92553563	MW-25_20210804	MW-25	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-27_20210805	MW-27	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553519	MW-28_20210804	MW-28	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553519	DUP-1-20210804	MW-28	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-29_20210805	MW-29	08/05/2021	<2.0	<8000	<400	<4000	<400	<2000
92553563	MW-30_20210804	MW-30	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-31_20210803	MW-31	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	DUP-1-20210803	MW-31	08/03/2021	<5	<200	<10	<100	<10	<50
92554137	MW-32_20210805	MW-32	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-33_20210805	MW-33	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-34_20210804	MW-34	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-35_20210805	MW-35	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-36_20210806	MW-36	08/06/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-38_20210804	MW-38	08/04/2021	<0.2	<2000	<100	<1000	**50.4J**	<500
92553563	MW-41_20210804	MW-41	08/04/2021	<0.2	<200	<10	<100	<10	<50
92552929	MW-42_20210802	MW-42	08/02/2021	<5	<200	<10	<100	<10	<50
92554137	MW-43_20210805	MW-43	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-44_20210803	MW-44	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553065	MW-45_20210802	MW-45	08/02/2021	<5	<200	<10	<100	<10	<50
92553185	MW-46_20210803	MW-46	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553065	MW-49_20210802	MW-49	08/02/2021	<5	<200	<10	<100	<10	<50
92553185	MW-50_20210803	MW-50	08/03/2021	<5	<400	<20	**114J**	<20	<100
92553065	MW-51_20210802	MW-51	08/02/2021	<5	<200	<10	<100	<10	<50
92553065	DUP-2-20210802	MW-51	08/02/2021	<5	<200	<10	<100	<10	<50
92554137	MW-52_20210805	MW-52	08/05/2021	<0.2	<800	<40	<400	<40	<200
92554137	MW-53_20210805	MW-53	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	DUP-2-20210805	MW-53	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-54_20210805	MW-54	08/05/2021	<0.2	<2000	<100	<1000	<100	<500
92553563	MW-56_20210804	MW-56	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-57_20210804	MW-57	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-58_20210805	MW-58	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-59_20210805	MW-59	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-60_20210803	MW-60	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553065	MW-62_20210802	MW-62	08/02/2021	<5	<200	<10	<100	<10	<50
92554137	MW-63_20210805	MW-63	08/05/2021	<0.2	<200	<10	<100	<10	<50
92552963	MW-64_20210802	MW-64	08/02/2021	<5	<200	<10	<100	<10	<50
92552963	MW-65_20210802	MW-65	08/02/2021	<5	<200	<10	<100	<10	<50
92552929	MW-66_20210802	MW-66	08/02/2021	<5	<200	<10	<100	<10	<50
92552929	MW-67_20210802	MW-67	08/02/2021	<5	<200	<10	<100	<10	<50
92552929	DUP-1 20210802	MW-67	08/02/2021	<5	<200	<10	<100	<10	<50
92552929	MW-68_20210802	MW-68	08/02/2021	<5	<200	<10	<100	<10	<50
92553563	MW-69_20210804	MW-69	08/04/2021	<0.2	<200	<10	<100	<10	<50

Table 5B
Summary of Monitoring Well Select Oxygenate Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID / WSW Address	Sample Date	Alcohol-Glycol (mg/L)	VOCs (µg/L)				
				n-Butanol	Ethanol	Ethyl-tert-butyl ether	tert-Amyl Alcohol	tert-Amylmethyl ether	tert-Butyl Alcohol
IMAC Standards				**0.7**	**4,000**	**47**	**NE**	**128**	**10**
NCAC 2L Standards				**NE**	**--**	**--**	**--**	**--**	**--**
92552963	MW-70_20210802	MW-70	08/02/2021	<5	<200	<10	<100	<10	<50
92554137	MW-71_20210805	MW-71	08/05/2021	<0.2	<800	<40	<400	<40	<200
92553065	MW-73_20210802	MW-73	08/02/2021	<5	<200	<10	<100	<10	<50
92552963	MW-74_20210802	MW-74	08/02/2021	<5	<200	<10	<100	<10	<50
92552963	MW-75_20210802	MW-75	08/02/2021	<5	<200	<10	<100	<10	<50
92553185	MW-76_20210803	MW-76	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553185	DUP-2-20210803	MW-76	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-77_20210803	MW-77	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	MW-78_20210803	MW-78	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	MW-79_20210803	MW-79	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	MW-80_20210803	MW-80	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	MW-81_20210803	MW-81	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	MW-82_20210803	MW-82	08/03/2021	<5	<200	<10	<100	<10	<50
92553519	MW-83_20210804	MW-83	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-84_20210803	MW-84	08/03/2021	<5	<200	<10	<100	<10	<50
92553065	MW-86_20210802	MW-86	08/02/2021	<5	<200	<10	<100	<10	<50
92553563	MW-87_20210804	MW-87	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553563	DUP-2-20210804	MW-87	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-88_20210804	MW-88	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-89_20210804	MW-89	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-92_20210805	MW-92	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-93_20210805	MW-93	08/05/2021	<0.2	<200	<10	<100	<10	<50
Bedrock Unit Monitoring Wells									
92554137	MW-07D_20210805	MW-07D	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	DUP-1-20210805	MW-07D	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553065	MW-14D_20210802	MW-14D	08/02/2021	<5	<200	<10	<100	<10	<50
92553519	MW-16D_20210804	MW-16D	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-31D_20210803	MW-31D	08/03/2021	<5	<200	<10	<100	<10	<50
92554137	MW-57D_20210805	MW-57D	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-61D_20210804	MW-61D	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-62D_20210803	MW-62D	08/03/2021	<0.2	<200	<10	<100	<10	<50
92552963	MW-65D_20210802	MW-65D	08/02/2021	<5	<200	<10	<100	<10	<50
92553519	MW-79D_20210804	MW-79D	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-81D_20210803	MW-81D	08/03/2021	<5	<200	<10	<100	<10	<50
Water Supply Well Data									
92554512	13800_HC_RD_20210810	13800_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554466	13835_AC_RD_20210810	13835_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554518	13926A_HC_RD_20210810	13926A_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554504	13926B_HC_RD_20210810	13926B_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554456	14226_HC_RD_20210810	14226_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554497	14401_HC_RD_20210810	14401_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554531	DUP-1_20210810	14401_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
QC Data									
92552929	TRIP BLANK	N/A	08/02/2021	NA	<200	<10	<100	<10	<50
92553065	TRIP BLANK	N/A	08/02/2021	NA	<200	<10	<100	<10	<50
92553189	TRIP BLANK	N/A	08/03/2021	NA	<200	<10	<100	<10	<50
92553185	TRIP BLANK	N/A	08/03/2021	NA	<200	<10	<100	<10	<50
92553519	TRIP BLANK	N/A	08/04/2021	NA	<200	<10	<100	<10	<50
92553563	TRIP BLANK	N/A	08/04/2021	NA	<200	<10	<100	<10	<50
92554137	Trip Blank	N/A	08/05/2021	NA	<200	<10	<100	<10	<50
92554285	TB-2	N/A	08/06/2021	NA	<200	<10	<100	<10	<50
92554285	Trip Blank	N/A	08/06/2021	NA	<200	<10	<100	<10	<50
92554531	Trip Blank	N/A	08/10/2021	NA	<200	<10	<100	<10	<50
92552929	EB-1-20210802	N/A	08/02/2021	<5	<200	<10	<100	<10	<50
92553065	EB-2-20210802	N/A	08/02/2021	<5	<200	<10	<100	<10	<50
92553065	FB-1-20210802	N/A	08/02/2021	<5	<200	<10	<100	<10	<50
92552963	FB-2-20210802	N/A	08/02/2021	<5	<200	<10	<100	<10	<50

Table 5B
Summary of Monitoring Well Select Oxygenate Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Lab Report Number	Sample ID	Well ID / WSW Address	Sample Date	Alcohol-Glycol (mg/L)	VOCs (µg/L)				
				n-Butanol	Ethanol	Ethyl-tert-butyl ether	tert-Amyl Alcohol	tert-Amylmethyl ether	tert-Butyl Alcohol
IMAC Standards				**0.7**	**4,000**	**47**	**NE**	**128**	**10**
NCAC 2L Standards				**NE**	**--**	**--**	**--**	**--**	**--**
92553189	EB-2-20210803	N/A	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	FB-2-20210803	N/A	08/03/2021	<5	<200	<10	<100	<10	<50
92553185	EB-1-20210803	N/A	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553185	FB-1-20210803	N/A	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553563	EB-2-20210804	N/A	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553563	FB-2-20210804	N/A	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553519	EB-1-20210804	N/A	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553519	FB-1-20210804	N/A	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	EB-1-20210805	N/A	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	EB-2-20210805	N/A	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	FB-1-20210805	N/A	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	FB-2-20210805	N/A	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554285	EB-1-20210806	N/A	08/06/2021	<5	<200	<10	<100	<10	<50
92554285	FB-1-20210806	N/A	08/06/2021	<5	<200	<10	<100	<10	<50
92554531	FB-1-20210810	N/A	08/10/2021	NA	<200	<10	<100	<10	<50

Notes:
NA - Not Analyzed
NE - Not Established
N/A - Not Applicable
All units reported in micrograms per liter (µg/L) except n-Butanol reported in milligrams per liter (mg/L)
NCAC 2L Standard - North Carolina 15A NCAC 2L Groundwater Standard
IMAC - Interim Maximum Allowable Concentration
"<" - Indicates compound was not detected above laboratory reporting limit
All analytes analyzed by Method SM 6200B
J - Estimated concentration above the method detection limit and below the reporting limit
Bold values indicate compound was detected above laboratory reporting limit
Blue shading indicates an exceedance of NCAC 2L Standard or IMAC Standard
Samples beginning with "DUP" are field duplicates and co-samples of the preceeding row
ID - Identification

Table 6
Summary of Well Construction Details

Colonial Pipeline Company
2020-L1-2448
Huntersville, North Carolina

Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
Surficial Unit Monitoring Wells												
MW-01	35.41502	-80.80714	708.99	711.86	34	36.88	674.99	15	674.99	689.99	2	08/24/2020
MW-02	35.41487	-80.80773	709.42	712.53	34	37.11	675.42	15	675.42	690.42	2	08/25/2020
MW-03	35.41530	-80.80630	700.57	703.64	27	30.07	673.57	10	673.57	683.57	2	08/25/2020
MW-04	35.41474	-80.80776	712.26	715.04	40	42.78	672.26	30	672.26	702.26	2	08/28/2020
MW-05	35.41536	-80.80717	704.28	707.30	39	42.02	665.28	30	665.28	695.28	2	08/28/2020
MW-06	35.41523	-80.80750	703.43	706.34	40	42.91	663.43	30	663.43	693.43	2	08/29/2020
MW-07	35.41534	-80.80567	709.19	712.36	35	38.17	674.19	15	674.19	689.19	2	08/30/2020
MW-08	35.41237	-80.80574	721.82	724.93	45	48.11	676.82	30	676.82	706.82	4	08/28/2020
MW-09	35.41472	-80.80712	709.19	717.15	34	41.96	675.19	15	675.19	690.19	2	08/31/2020
MW-10	35.41403	-80.80774	719.99	722.91	25	27.92	694.99	15	694.99	709.99	2	08/31/2020
MW-11	35.41344	-80.80532	736.42	735.80	50	49.38	686.42	35	686.42	721.42	4	09/01/2020
MW-12	35.41455	-80.80797	715.33	718.27	38	40.94	677.33	20	677.33	697.33	2	09/01/2020
MW-13	35.41313	-80.80553	733.03	732.88	60	59.86	673.03	45	673.03	718.03	4	09/01/2020
MW-14	35.41260	-80.80562	721.96	724.88	41	43.93	680.96	30	680.96	710.96	4	09/02/2020
MW-15	35.41385	-80.80756	722.69	725.70	39	42.01	683.69	15	683.69	698.69	2	09/02/2020
MW-16	35.41325	-80.80753	722.32	725.49	46	49.17	676.32	35	676.32	711.32	4	09/02/2020
MW-17	35.41327	-80.80726	724.23	727.50	50	53.27	674.23	40	674.23	714.23	4	09/02/2020
MW-18	35.41490	-80.80518	726.72	728.17	45	46.45	681.72	15	681.72	696.72	2	09/02/2020
MW-19	35.41284	-80.80654	723.43	726.29	35	37.86	688.43	25	688.43	713.43	4	09/03/2020
MW-20	35.41511	-80.80484	727.62	729.69	48	50.07	679.62	15	679.62	694.62	2	09/03/2020
MW-21	35.41286	-80.80702	721.89	724.97	50	53.08	671.89	35	671.89	706.89	4	09/03/2020
MW-22R	35.41517	-80.80543	718.85	721.89	34	37.05	684.85	15	684.85	699.85	2	09/03/2021
MW-23	35.41285	-80.80726	721.15	723.74	45	47.59	676.15	30	676.15	706.15	2	09/03/2020
MW-24	35.41431	-80.80540	734.70	737.63	54	56.93	680.70	15	680.70	695.70	2	09/04/2020
MW-25	35.41464	-80.80506	730.89	734.04	57	60.14	673.89	15	673.89	688.89	2	09/04/2020
MW-26R	35.41518	-80.80575	715.02	717.71	72	74.69	643.02	55	643.02	698.02	2	09/08/2021
MW-27	35.41535	-80.80553	713.30	716.19	42	44.90	671.30	15	671.30	686.30	2	09/05/2020

Table 6
Summary of Well Construction Details

Colonial Pipeline Company
2020-L1-2448
Huntersville, North Carolina

Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
MW-28	35.41321	-80.80788	720.57	720.45	40	39.88	680.57	15	680.57	695.57	2	09/05/2020
MW-29	35.41462	-80.80689	715.60	718.73	50	53.13	665.60	40	665.60	705.60	4	09/06/2020
MW-30	35.41481	-80.80730	712.07	715.08	46	49.01	666.07	15	666.07	681.07	4	09/06/2020
MW-31	35.41245	-80.80705	718.44	721.45	44	47.01	674.44	30	674.44	704.44	4	09/07/2020
MW-32	35.41595	-80.80662	688.75	691.78	35	38.03	653.75	15	653.75	668.75	2	09/05/2020
MW-33	35.41608	-80.80628	683.70	686.70	25	28.00	658.70	15	658.70	673.70	2	09/05/2020
MW-34	35.41613	-80.80605	681.00	683.89	20	22.89	661.00	15	661.00	676.00	2	09/07/2020
MW-35	35.41540	-80.80680	704.07	707.14	37	40.08	667.07	15	667.07	682.07	2	09/07/2020
MW-36	35.41517	-80.80666	707.51	710.54	42	45.04	665.51	15	665.51	680.51	2	09/08/2020
MW-37	35.41496	-80.80656	712.01	714.37	35	37.36	677.01	15	677.01	692.01	2	09/08/2020
MW-38	35.41496	-80.80526	723.82	726.74	50	52.91	673.82	30	673.82	703.82	4	09/08/2020
MW-39	35.41342	-80.80571	734.63	733.86	50	49.24	684.63	35	684.63	719.63	4	09/08/2020
MW-40	35.41329	-80.80687	725.82	728.92	37	40.10	688.82	10	688.82	698.82	2	09/09/2020
MW-41	35.41400	-80.80516	742.82	745.92	65	68.10	677.82	15	677.82	692.82	2	09/09/2020
MW-42	35.41314	-80.80536	732.58	732.48	51	50.90	681.58	40	681.58	721.58	4	09/11/2020
MW-43	35.41369	-80.80706	726.58	729.80	47	50.22	679.58	35	679.58	714.58	4	08/30/2020
MW-44	35.41234	-80.80630	724.13	726.48	32.5	34.85	691.63	20	691.63	711.63	4	09/11/2020
MW-45	35.41285	-80.80550	726.57	729.41	50	52.84	676.57	40	676.57	716.57	4	09/11/2020
MW-46	35.41271	-80.80594	723.53	726.73	40	43.20	683.53	10	683.53	693.53	4	09/12/2020
MW-47	35.41270	-80.80614	723.61	723.18	27	26.57	696.61	20	696.61	716.61	4	09/12/2020
MW-48	35.41429	-80.80701	720.55	723.57	46	49.02	674.55	35	674.55	709.55	4	09/15/2020
MW-49	35.41276	-80.80551	724.00	727.58	51	54.58	673.00	40	673.00	713.00	4	09/16/2020
MW-50	35.41294	-80.80575	727.39	731.14	53	56.75	674.39	40	674.39	714.39	4	09/16/2020
MW-51	35.41291	-80.80550	728.15	734.12	45	50.97	683.15	30	683.15	713.15	4	09/18/2020
MW-52	35.41434	-80.80691	719.97	722.94	54	56.98	665.97	30	665.97	695.97	4	09/23/2020
MW-53	35.41546	-80.80583	704.50	707.49	60	62.99	644.50	20	644.50	664.50	4	09/28/2020
MW-54	35.41529	-80.80611	704.72	707.97	60	63.25	644.72	45	644.72	689.72	4	09/28/2020
MW-55	35.41387	-80.80507	742.89	743.95	67	68.07	675.89	25	675.89	700.89	4	09/29/2020

Table 6
Summary of Well Construction Details

Colonial Pipeline Company
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Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
MW-56	35.41652	-80.80608	678.27	681.53	40	43.26	638.27	30	638.27	668.27	4	09/30/2020
MW-57	35.41608	-80.80578	683.94	687.07	45	48.13	638.94	35	638.94	673.94	4	10/01/2020
MW-58	35.41460	-80.80752	714.25	717.30	50	53.05	664.25	30	664.25	694.25	4	10/02/2020
MW-59	35.41455	-80.80725	716.45	719.38	50	52.93	666.45	30	666.45	696.45	4	10/03/2020
MW-60	35.41236	-80.80591	723.81	726.76	44	46.95	679.81	20	679.81	699.81	4	10/04/2020
MW-61	35.41390	-80.80474	743.42	746.57	67	70.14	676.42	30	676.42	706.42	4	11/05/2020
MW-62	35.41193	-80.80621	726.51	729.79	35.5	38.77	691.01	10	691.01	701.01	4	11/15/2020
MW-63	35.41519	-80.80517	722.68	725.76	58.5	61.58	664.18	35	664.18	699.18	4	11/18/2020
MW-64	35.41339	-80.80418	730.83	730.39	70	69.57	660.83	35	660.83	695.83	2	12/19/2020
MW-65	35.41276	-80.80401	714.46	714.46	40	40.00	674.46	15	674.46	689.46	2	12/22/2020
MW-66	35.41350	-80.80482	731.48	731.43	54	53.95	677.48	19	677.48	696.48	2	12/22/2020
MW-67	35.41319	-80.80474	724.23	724.32	45	45.10	679.23	15	679.23	694.23	2	12/21/2020
MW-68	35.41312	-80.80526	731.94	731.84	50	49.90	681.94	15	681.94	696.94	2	12/23/2020
MW-69	35.41395	-80.80445	741.42	741.74	60.5	60.82	680.92	30	680.92	710.92	4	12/15/2020
MW-70	35.41331	-80.80431	728.26	728.08	48	47.82	680.26	15	680.26	695.26	2	12/20/2020
MW-71	35.41417	-80.80466	743.39	746.97	65	68.58	678.39	15	678.39	693.39	2	01/06/2021
MW-72	35.41481	-80.80493	731.04	734.81	54	57.77	677.04	15	677.04	692.04	2	01/09/2021
MW-73	35.41217	-80.80586	723.40	726.44	37	40.03	686.40	15	686.40	701.40	2	01/11/2021
MW-74	35.41266	-80.80450	730.28	730.05	33	32.77	697.28	15	697.28	712.28	2	07/29/2021
MW-75	35.41345	-80.80442	713.52	713.48	46	45.95	667.52	15	667.52	682.52	2	08/03/2021
MW-76	35.41228	-80.80562	720.14	723.94	45	48.80	675.14	20	675.14	695.14	2	08/05/2021
MW-77	35.41275	-80.80735	719.05	722.70	45	48.65	674.05	30	674.05	704.05	2	02/24/2021
MW-78	35.41299	-80.80744	721.57	725.08	50	53.51	671.57	25	671.57	696.57	2	02/24/2021
MW-79	35.41257	-80.80724	718.70	721.56	38	40.86	680.70	20	680.70	700.70	2	02/25/2021
MW-80	35.41222	-80.80679	719.25	722.65	37	40.40	682.25	20	682.25	702.25	2	08/25/2021
MW-81	35.41179	-80.80660	722.99	722.83	37	36.84	685.99	20	685.99	705.99	2	08/26/2021
MW-82	35.41154	-80.80642	724.46	724.27	39	38.81	685.46	25	685.46	710.46	2	08/30/2021
MW-83	35.41329	-80.80703	725.21	724.91	44.5	44.20	680.71	20	680.71	700.71	4	03/05/2021

Table 6
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Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
MW-84	35.41315	-80.80692	724.43	723.99	36.8	36.37	687.63	20	687.63	707.63	4	03/06/2021
MW-85	35.41330	-80.80688	725.83	727.67	37	38.84	688.83	20	688.83	708.83	4	03/08/2021
MW-86	35.41208	-80.80582	724.51	724.28	46	45.77	678.51	30	678.51	708.51	4	03/17/2021
MW-87	35.41497	-80.80468	731.36	734.39	55	58.04	676.36	20	676.36	696.36	4	04/22/2021
MW-88	35.41511	-80.80446	728.80	731.93	63.5	66.62	665.30	20	665.30	685.30	2	04/28/2021
MW-89	35.41490	-80.80445	731.60	734.67	53.8	56.87	677.80	20	677.80	697.80	2	04/29/2021
MW-92	35.41426	-80.80446	742.74	745.56	72.3	75.13	670.44	25	670.44	695.44	4	06/02/2021
MW-93	35.41409	-80.80428	741.19	744.05	63.5	66.36	677.69	20	677.69	697.69	4	06/02/2021
MW-94	35.41551	-80.80500	716.41	719.52	52	55.11	664.41	15	664.41	679.41	4	09/16/2021
MW-95	35.41537	-80.80649	700.95	701.33	60	60.38	640.95	45	640.95	685.95	4	09/23/2021
MW-96	35.41542	-80.80630	697.94	699.35	60	61.41	637.94	45	637.94	682.94	4	09/29/2021

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Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
Bed Rock Unit Monitoring Wells												
MW-04D	35.41473	-80.80779	712.28	712.63	143	143.35	NA	NA	NA	NA	4	09/27/2021
MW-07D	35.41540	-80.80564	708.43	711.73	173	138.50	573.23	10	573.23	583.23	2	11/15/2020
MW-14D	35.41263	-80.80557	721.87	722.75	198	74.30	648.45	10	648.45	658.45	2	02/27/2021
MW-16D	35.41325	-80.80751	734.73	736.35	130	75.00	661.35	20	661.35	681.35	4	06/11/2021
MW-25D	35.41467	-80.80514	730.34	733.05	139	123.71	606.62	10	606.62	616.62	2	12/03/2020
MW-31D	35.41200	-80.80739	714.03	714.09	73	70.00	644.03	15	644.03	659.03	4	05/12/2021
MW-36DR	35.41512	-80.80666	707.87	710.81	140	134.00	573.87	20	573.87	593.87	2	07/30/2021
MW-57D	35.41607	-80.80585	683.26	686.44	108	108.18	575.08	10	575.08	585.08	2	11/20/2020
MW-59D	35.41447	-80.80715	718.17	720.98	160	159.70	561.28	10	561.28	571.28	2	11/18/2020
MW-61D	35.41387	-80.80473	742.39	745.40	123	106.50	638.90	10	638.90	648.90	2	11/14/2020
MW-62D	35.41193	-80.80624	726.74	729.92	143	141.50	588.42	10	588.42	598.42	2	11/15/2020
MW-65D	35.41274	-80.80399	714.18	714.15	150	123.40	590.75	5	590.75	595.75	2	12/23/2020
MW-79D	35.41253	-80.80737	717.50	720.32	154	156.60	563.72	10	156.60	166.60	2	03/08/2021
MW-81D	35.41183	-80.80686	720.71	720.45	113	113.00	607.45	15	113.00	128.00	4	07/28/2021
MW-89D	35.41489	-80.80432	731.48	731.52	146.00	146.00	585.52	NA	NA	NA	4	08/25/2021
MW-90D	35.41428	-80.80611	729.23	730.09	83	83.00	647.09	NA	NA	NA	4	05/21/2021
MW-90DD	35.41440	-80.80606	727.94	731.00	202.2	202.20	528.80	NA	NA	NA	15/10/6 [2]	07/20/2021
MW-91D	35.41418	-80.80595	734.90	735.84	91	91.00	644.84	NA	NA	NA	4	05/20/2021
MW-91DD	35.41392	-80.80615	732.55	735.19	202.7	202.75	532.44	NA	NA	NA	15/10/6 [2]	07/20/2021
MW-97D	35.41572	-80.80573	698.06	699.32	134.63	134.60	564.72	NA	NA	NA	4	07/21/2021

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Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
Recovery Wells												
RW-01	35.41362	-80.80610	731.44	732.08	35	35.64	696.44	25	696.44	721.44	4	08/26/2020
RW-02	35.41355	-80.80616	730.41	732.05	40	41.63	690.41	30	690.41	720.41	4	08/26/2020
RW-03	35.41357	-80.80675	728.40	731.51	35	38.11	693.40	25	693.40	718.40	4	08/27/2020
RW-04	35.41334	-80.80606	730.15	729.41	38	37.26	692.15	15	692.15	707.15	4	08/27/2020
RW-05	35.41328	-80.80643	726.93	726.29	40	39.37	686.93	30	686.93	716.93	4	08/28/2020
RW-06	35.41343	-80.80559	735.55	734.78	60	59.23	675.55	45	675.55	720.55	4	08/29/2020
RW-07	35.41474	-80.80540	724.33	726.92	45	47.58	679.33	30	679.33	709.33	4	09/02/2020
RW-08	35.41445	-80.80587	727.35	730.40	47	50.06	680.35	15	680.35	695.35	4	09/12/2020
RW-09	35.41361	-80.80646	729.18	730.09	40	40.92	689.18	30	689.18	719.18	4	08/30/2020
RW-10	35.41379	-80.80631	731.32	731.87	30	30.55	701.32	20	701.32	721.32	4	08/31/2020
RW-11	35.41319	-80.80654	726.82	725.94	39	38.12	687.82	30	687.82	717.82	4	09/05/2020
RW-12	35.41461	-80.80560	724.41	726.61	35	37.20	689.41	25	689.41	714.41	4	09/03/2020
RW-13	35.41430	-80.80613	729.24	732.30	35	38.05	694.24	25	694.24	719.24	4	09/04/2020
RW-14	35.41415	-80.80637	728.18	732.14	36	39.96	692.18	25	692.18	717.18	4	09/04/2020
RW-15	35.41449	-80.80658	721.01	723.99	44	46.98	677.01	30	677.01	707.01	4	09/04/2020
RW-16	35.41395	-80.80659	729.50	732.10	43	45.60	686.50	30	686.50	716.50	4	09/04/2020
RW-17	35.41441	-80.80605	726.46	729.57	17	20.11	709.46	10	709.46	719.46	4	09/05/2020
RW-18	35.41418	-80.80566	735.55	737.96	48	50.41	687.55	35	687.55	722.55	4	09/05/2020
RW-19	35.41455	-80.80673	718.03	722.02	50	53.99	668.03	40	668.03	708.03	4	09/06/2020
RW-20	35.41423	-80.80623	728.63	731.69	35	38.05	693.63	25	693.63	718.63	4	09/06/2020
RW-21	35.41403	-80.80647	729.02	731.68	47	49.67	682.02	35	682.02	717.02	4	09/08/2020
RW-22	35.41330	-80.80627	727.48	727.54	40	40.07	687.48	30	687.48	717.48	4	09/08/2020
RW-23	35.41418	-80.80688	722.31	724.85	44	46.53	678.31	30	678.31	708.31	4	09/09/2020
RW-24	35.41335	-80.80593	731.82	731.18	43	42.36	688.82	30	688.82	718.82	4	09/09/2020
RW-25	35.41437	-80.80665	721.18	724.92	52	55.74	669.18	40	669.18	709.18	4	09/10/2020
RW-26	35.41301	-80.80608	726.37	725.72	36	35.35	690.37	25	690.37	715.37	4	09/09/2020
RW-27	35.41500	-80.80560	719.15	722.46	40	43.31	679.15	30	679.15	709.15	4	09/11/2020

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Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
RW-28	35.41306	-80.80572	730.16	729.51	50	49.35	680.16	40	680.16	720.16	4	09/10/2020
RW-29	35.41487	-80.80574	719.41	719.80	48	48.39	671.41	35	671.41	706.41	4	09/10/2020
RW-30	35.41477	-80.80632	716.67	717.30	39	39.63	677.67	30	677.67	707.67	4	09/13/2020
RW-31	35.41500	-80.80605	713.59	717.24	47	50.65	666.59	35	666.59	701.59	4	09/13/2020
RW-32	35.41507	-80.80590	713.79	716.45	51	53.66	662.79	NA	662.79	NA	4	09/22/2020
RW-33	35.41517	-80.80577	713.56	716.59	60	63.03	653.56	40	653.56	693.56	4	09/23/2020
RW-34	35.41431	-80.80542	734.44	735.92	51	52.48	683.44	30	683.44	713.44	4	09/24/2020
RW-35	35.41367	-80.80563	739.41	740.16	57	57.76	682.41	45	682.41	727.41	4	09/24/2020
RW-36	35.41376	-80.80547	740.81	741.45	64	64.64	676.81	20	676.81	696.81	4	09/27/2020
RW-37	35.41381	-80.80525	741.92	742.78	70	70.86	671.92	30	671.92	701.92	4	09/27/2020
RW-38	35.41366	-80.80589	736.45	737.33	47	47.87	689.45	30	689.45	719.45	4	09/30/2020
RW-39	35.41440	-80.80710	718.72	721.77	48	51.05	670.72	35	670.72	705.72	2	10/01/2020
RW-40	35.41423	-80.80726	719.98	722.94	41	43.96	678.98	20	678.98	698.98	4	10/03/2020
RW-41	35.41377	-80.80600	734.20	735.51	34	35.31	700.20	20	700.20	720.20	4	11/13/2020
RW-42	35.41372	-80.80614	732.05	733.80	31	32.75	701.05	15	701.05	716.05	4	11/14/2020
RW-43	35.41402	-80.80590	737.09	737.70	43	43.61	694.09	20	694.09	714.09	4	11/14/2020
RW-44	35.41388	-80.80580	736.83	738.21	34	35.38	702.83	15	702.83	717.83	4	11/14/2020
RW-45	35.41475	-80.80577	720.81	722.04	41	42.23	679.81	25	679.81	704.81	4	11/17/2020
RW-46	35.41492	-80.80596	716.03	716.66	44	44.63	672.03	30	672.03	702.03	4	11/19/2020
RW-47	35.41420	-80.80656	724.60	725.40	41	41.80	683.60	30	683.60	713.60	4	11/20/2020
RW-48	35.41375	-80.80497	740.34	741.03	65	65.69	675.34	40	675.34	715.34	4	11/21/2020
RW-49	35.41313	-80.80570	731.51	730.47	50	48.96	681.51	20	681.51	701.51	4	01/13/2021
RW-50	35.41323	-80.80549	734.71	733.87	65	64.16	669.71	30	669.71	699.71	4	01/13/2021
RW-51	35.41328	-80.80554	734.97	734.12	65	64.15	669.97	30	669.97	699.97	4	01/19/2021
RW-52	35.41319	-80.80603	727.93	726.96	38	37.03	689.93	15	689.93	704.93	4	01/19/2021
RW-53	35.41318	-80.80625	726.49	725.48	33	31.99	693.49	20	693.49	713.49	4	01/19/2021
RW-54	35.41301	-80.80582	728.36	727.86	47	46.50	681.36	30	681.36	711.36	4	01/20/2021
RW-55	35.41274	-80.80603	723.90	723.05	36	35.15	687.90	15	687.90	702.90	4	01/21/2021

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Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
RW-56	35.41283	-80.80588	724.89	723.99	46	45.10	678.89	25	678.89	703.89	4	01/22/2021
RW-57	35.41505	-80.80607	712.74	713.57	48	48.83	664.74	35	664.74	699.74	4	03/09/2021
RW-58	35.41502	-80.80600	713.76	714.85	50.5	51.59	663.26	40	663.26	703.26	4	03/10/2021
RW-59	35.41504	-80.80595	713.79	714.75	55.5	56.46	658.29	40	658.29	698.29	4	03/10/2021
RW-60	35.41508	-80.80597	713.27	714.09	57	57.82	656.27	45	656.27	701.27	4	03/11/2021
RW-61	35.41514	-80.80592	713.01	713.59	61	61.58	652.01	50	652.01	702.01	4	03/15/2021
RW-62	35.41509	-80.80582	715.05	716.21	55	56.16	660.05	45	660.05	705.05	4	03/16/2021
RW-63	35.41494	-80.80600	715.51	716.42	42.3	43.21	673.21	30	673.21	703.21	4	05/05/2021
RW-64	35.41490	-80.80602	715.96	716.89	32	32.93	683.96	20	683.96	703.96	4	05/06/2021
RW-65	35.41491	-80.80588	717.31	718.07	40	40.76	677.31	25	677.31	702.31	4	05/06/2021
RW-66	35.41496	-80.80575	717.13	718.01	45	45.88	672.13	30	672.13	702.13	4	05/07/2021
RW-67	35.41498	-80.80585	714.32	716.58	50.3	52.55	664.02	35	664.02	699.02	4	05/26/2021
RW-68	35.41495	-80.80602	715.14	716.02	44.5	45.38	670.64	30	670.64	700.64	4	05/27/2021
RW-69	35.41488	-80.80595	716.90	717.51	35	35.61	681.90	20	681.90	701.90	4	05/28/2021
RW-70	35.41425	-80.80547	734.89	735.43	48	48.54	686.89	15	686.89	701.89	4	08/06/2021
RW-71	35.41526	-80.80568	713.96	714.52	60.5	61.06	653.46	45	653.46	698.46	4	07/22/2021
RW-72	35.41531	-80.80582	711.08	711.57	56	56.49	655.08	40	655.08	695.08	4	07/23/2021
RW-73	35.41523	-80.80599	709.55	709.82	56	56.27	653.55	45	653.55	698.55	4	07/26/2021
RW-74	35.41515	-80.80621	707.38	707.44	71.5	71.56	635.88	55	635.88	690.88	4	07/29/2021
RW-75	35.41509	-80.80633	708.19	708.82	52	52.62	656.19	20	656.19	676.19	4	08/03/2021
RW-76	35.41503	-80.80642	710.27	710.89	50	50.62	660.27	35	660.27	695.27	4	08/05/2021
RW-77	35.41409	-80.80543	739.10	739.77	56	56.00	683.10	40	683.10	723.10	4	08/12/2021
RW-78	35.41425	-80.80528	738.81	739.00	64	64.00	674.81	55	674.81	729.81	4	08/13/2021
RW-79	35.41408	-80.80655	727.18	727.67	46.7	46.70	680.48	35	680.48	715.48	4	08/17/2021
RW-80	35.41374	-80.80674	729.38	730.09	39	38.67	690.38	20	690.38	710.38	4	08/26/2021
RW-81	35.41356	-80.80686	728.06	728.83	44	43.67	684.06	15	684.06	699.06	4	08/27/2021
RW-82	35.41405	-80.80684	725.68	726.16	56	56.00	669.68	40	669.68	709.68	4	08/31/2021
RW-83	35.41528	-80.80574	712.63	713.05	72.1	72.10	640.53	55	640.53	695.53	4	09/15/2021

Table 6
Summary of Well Construction Details

Colonial Pipeline Company
2020-L1-2448
Huntersville, North Carolina

Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
RW-84	35.41508	-80.80614	710.39	711.47	50	49.90	660.39	40	660.39	700.39	4	10/11/2021
RW-85	35.41500	-80.80632	711.22	713.08	58	58.00	653.22	50	653.22	703.22	4	10/12/2021
RW-86	35.41516	-80.80631	705.34	705.46	61	60.00	644.34	50	644.34	694.34	4	10/14/2021
RW-87	35.41505	-80.80620	710.51	710.28	46.5	46.50	664.01	35	664.01	699.01	4	10/15/2021
RW-88	35.41497	-80.80618	713.09	713.53	38	37.50	675.09	25	675.09	700.09	4	10/18/2021
RW-89	35.41487	-80.80629	715.36	716.12	41.5	41.50	673.86	30	673.86	703.86	4	10/19/2021
RW-90	35.41494	-80.80637	713.49	713.70	53.5	53.50	659.99	40	659.99	699.99	4	--
RW-91	35.41487	-80.80649	714.72	715.54	47	47.00	667.72	30	667.72	697.72	4	--
RW-92	35.41521	-80.80613	708.24	708.81	66	48.00	642.24	55	642.24	697.24	4	--

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Summary of Well Construction Details

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
Hydraulic Control Wells												
HCW-01	35.41398	-80.80448	741.90	742.48	65	65.58	676.90	30	676.90	706.90	4	01/10/2021
HCW-02	35.41396	-80.80459	742.69	744.96	63	65.27	679.69	25	679.69	704.69	4	01/12/2021
HCW-03	35.41394	-80.80470	743.38	745.48	70	72.10	673.38	30	673.38	703.38	4	01/12/2021
HCW-04	35.41392	-80.80482	744.08	746.00	70	71.92	674.08	30	674.08	704.08	4	01/13/2021
HCW-05	35.41390	-80.80492	743.81	743.82	70.5	70.51	673.31	30.5	673.31	703.81	4	01/14/2021
HCW-06	35.41389	-80.80503	743.77	743.70	70.5	70.43	673.27	30.5	673.27	703.77	4	01/14/2021
HCW-07	35.41388	-80.80513	743.00	742.86	70.5	70.36	672.50	30.5	672.50	703.00	4	01/15/2021
HCW-08	35.41384	-80.80523	742.82	742.96	70.6	70.74	672.22	30.6	672.22	702.82	4	01/15/2021
HCW-09	35.41382	-80.80532	742.46	744.49	70.5	72.53	671.96	32.5	671.96	704.46	4	01/16/2021
HCW-10	35.41379	-80.80542	741.66	743.90	68	70.24	673.66	36	673.66	709.66	4	01/17/2021
HCW-11	35.41377	-80.80551	741.15	741.26	66.5	66.60	674.65	36.5	674.65	711.15	4	01/18/2021
HCW-12	35.41375	-80.80561	740.56	740.75	53	53.20	687.56	21	687.56	708.56	4	01/19/2021
HCW-13	35.41373	-80.80569	739.69	740.79	50	51.10	689.69	20	689.69	709.69	4	01/18/2021
HCW-14	35.41371	-80.80579	738.48	739.18	48	48.70	690.48	20	690.48	710.48	4	01/20/2021
HCW-15	35.41369	-80.80588	736.64	737.19	47	47.55	689.64	21	689.64	710.64	4	01/20/2021
HCW-16	35.41368	-80.80598	734.73	736.35	41	42.62	693.73	14	693.73	707.73	4	01/21/2021
HCW-17	35.41366	-80.80607	732.96	733.19	37	37.24	695.96	13	695.96	708.96	4	01/21/2021
HCW-18	35.41361	-80.80619	731.02	731.12	33	33.10	698.02	15	698.02	713.02	4	01/22/2021
HCW-19	35.41359	-80.80629	730.19	732.00	41	42.81	689.19	20	689.19	709.19	4	01/22/2021
HCW-20	35.41358	-80.80639	729.61	731.69	48	50.08	681.61	25	681.61	706.61	4	01/23/2021
HCW-21	35.41363	-80.80684	729.46	730.02	46	46.56	683.46	20	683.46	703.46	4	01/09/2021
HCW-22	35.41366	-80.80693	728.17	731.67	53	56.50	678.67	25	678.67	703.67	4	01/06/2021
HCW-23	35.41399	-80.80429	740.19	740.60	70	70.41	670.60	30	670.60	700.60	4	02/05/2021
HCW-24	35.41395	-80.80445	741.42	741.73	70	70.31	671.73	30	671.73	701.73	4	02/06/2021
HCW-25	35.41358	-80.80648	729.76	730.41	43	43.65	687.41	25	687.41	712.41	4	02/11/2021
HCW-26	35.41357	-80.80659	730.39	730.52	45	45.13	685.52	25	685.52	710.52	4	02/10/2021
HCW-27	35.41358	-80.80670	729.70	729.91	40	40.20	689.91	25	689.91	714.91	4	02/12/2021

Table 6
Summary of Well Construction Details

Colonial Pipeline Company
2020-L1-2448
Huntersville, North Carolina

Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
NHCW-01	35.41442	-80.80714	718.95	718.93	48	47.98	670.93	25	670.93	695.93	4	02/02/2021
NHCW-02	35.41449	-80.80708	718.60	719.11	50	50.51	669.11	30	669.11	699.11	4	02/03/2021
NHCW-03	35.41456	-80.80703	717.46	717.56	45	45.10	672.56	25	672.56	697.56	4	02/03/2021
NHCW-04	35.41462	-80.80698	715.89	716.18	50	50.29	666.18	30	666.18	696.18	4	02/04/2021
NHCW-05	35.41469	-80.80693	715.14	715.34	50	50.21	665.34	30	665.34	695.34	4	02/04/2021
NHCW-06	35.41476	-80.80687	714.74	714.96	50	50.22	664.96	30	664.96	694.96	4	02/04/2021
NHCW-07	35.41482	-80.80682	713.69	714.08	47	47.39	667.08	30	667.08	697.08	4	02/05/2021
NHCW-08	35.41489	-80.80676	712.87	712.84	45	44.97	667.84	30	667.84	697.84	4	02/05/2021
NHCW-09	35.41496	-80.80669	711.27	711.21	43	42.94	668.21	30	668.21	698.21	4	02/06/2021
NHCW-10	35.41505	-80.80663	709.29	713.05	41	44.76	672.05	25	672.05	697.05	4	02/07/2021
NHCW-11	35.41509	-80.80653	709.11	710.66	41	42.55	669.66	25	669.66	694.66	4	02/06/2021
NHCW-12	35.41515	-80.80646	706.42	707.09	40	40.67	667.09	25	667.09	692.09	4	02/21/2021
NHCW-13	35.41521	-80.80640	703.76	704.81	40	41.05	664.81	25	664.81	689.81	4	02/20/2021
NHCW-14	35.41526	-80.80633	702.09	703.34	35	36.25	668.34	20	668.34	688.34	4	02/20/2021
NHCW-15	35.41529	-80.80623	701.28	702.64	35	36.35	667.64	20	667.64	687.64	4	02/20/2021
NHCW-16	35.41531	-80.80613	703.42	704.99	40	41.57	664.99	25	664.99	689.99	4	02/19/2021
NHCW-17	35.41536	-80.80606	705.21	705.83	40	40.62	665.83	25	665.83	690.83	4	02/19/2021
NHCW-18	35.41536	-80.80595	707.76	709.11	39	40.35	670.11	25	670.11	695.11	4	02/17/2021
NHCW-19	35.41541	-80.80585	705.81	706.80	39	39.99	667.80	25	667.80	692.80	4	02/09/2021
NHCW-20	35.41541	-80.80576	707.11	709.03	39	40.92	670.03	25	670.03	695.03	4	02/08/2021
NHCW-21	35.41537	-80.80566	708.80	709.90	45	46.11	664.90	25	664.90	689.90	4	02/09/2021
NHCW-22	35.41534	-80.80558	711.48	712.70	50	51.23	662.70	30	662.70	692.70	4	02/10/2021
NHCW-23	35.41531	-80.80548	713.86	715.10	50	51.24	665.10	30	665.10	695.10	4	02/11/2021
NHCW-24	35.41529	-80.80538	716.32	717.38	50	51.06	667.38	30	667.38	697.38	4	02/12/2021
NHCW-25	35.41528	-80.80528	718.51	720.83	55	57.31	665.83	25	665.83	690.83	4	02/12/2021
NHCW-26	35.41524	-80.80520	721.67	723.09	55	56.42	668.09	25	668.09	693.09	4	02/14/2021

Table 6
Summary of Well Construction Details

Colonial Pipeline Company
2020-L1-2448
Huntersville, North Carolina

Well ID	Latitude	Longitude	Ground Surface Elevation[1]	Top Of Casing Elevation[1]	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)	Well Construction Date
NHCW-27	35.41521	-80.80510	723.13	724.18	55	56.05	669.18	25	669.18	694.18	4	02/15/2021
NHCW-28	35.41517	-80.80502	724.30	725.46	55	56.16	670.46	25	670.46	695.46	4	02/15/2021
NHCW-29	35.41512	-80.80493	727.19	728.13	55	55.95	673.13	25	673.13	698.13	4	02/16/2021

Notes:
ft btoc = Feet Below Top Of Casing
NA = Data not currently available
RW = Recovery Well
MW = Monitoring Well
HCW = Hydraulic Control Well
NHCW = North Hydraulic Control Well
-- = Well completion date not confirmed
[1] = Elevations surveyed in feet using the NAVD88 vertical datum
[2] = Telescoping well, currently open borehole

Table 7
Summary of Water Supply Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

			Metals (µg/L)	VOCs (µg/L)		
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92525139	13712_HC_RD_20210302	03/02/2021	**38.2**	<0.50	<0.50	<2.0
92492043	13736_PE_ Dr	08/22/2020	NA	NA	NA	NA
92492904	13800_H/C_Rd	08/27/2020	**109**	<0.50	<0.50	<2.0
92493896	13800_HC_RD	09/02/2020	**169**	<0.50	<0.50	<2.0
92495067	13800_HC_RD	09/10/2020	**55.2**	<0.50	<0.50	<2.0
92495939	13800_HC_RD_20200916	09/16/2020	**67**	<0.50	<0.50	<2.0
92497411	13800_HC_RD 20200924	09/24/2020	**23**	<0.50	<0.50	<2.0
92498538	13800_HC_RD	10/01/2020	**6.5**	<0.50	<0.50	<2.0
92499668	13800_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500721	13800_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501794	13800_HC_.RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502945	13800_HC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504298	13800_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506033	13800_HC_RD	11/12/2020	**5.4**	<0.50	<0.50	<2.0
92507404	13800_HC_RD	11/19/2020	**5.7**	<0.50	<0.50	<2.0
92507391	FD-111820	11/19/2020	**5.4**	<0.50	<0.50	<2.0
92508024	13800_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508707	13800_HC_RD_20201201	12/01/2020	**7.8**	<0.50	<0.50	<2.0
92510221	13800_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0
92512037	13800_HC_.RD_20201215	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513363	13800_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513987	13800_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514747	13800_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516194	13800_HC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517235	13800_HC_RD_2021119	01/19/2021	<5.0	<0.50	<0.50	<2.0
92518577	13800_HC_RD_2021126	01/26/2021	**16.9**	<0.50	<0.50	<2.0
92519756	13800_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521088	13800_HC_RD_20210209	02/09/2021	**5.1**	<0.50	<0.50	<2.0
92522441	13800_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50	<2.0
92523569	13800_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50	<2.0
92525141	13800_HC_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92526632	13800_HC_RD_20210309	03/09/2021	<5.0	<0.50	<0.50	<2.0
92527865	13800_HC_RD_20210316	03/16/2021	**12.1**	<0.50	<0.50	<2.0
92529142	13800_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5	<2
92530276	13800_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5	<2
92531396	13800_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50	<2.0

Table 7
Summary of Water Supply Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
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			Metals (µg/L)	VOCs (µg/L)		
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92531397	DUP-1	04/06/2021	<5.0	<0.50	<0.50	<2.0
92532721	13800_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5	<2
92534073	13800_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5	<2
92535389	13800_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536812	13800_HC_RD_20210504	05/04/2021	<5.0	<0.5	<0.50	<2
92538171	13800_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5	<2
92539520	13800_HC_RD_20210518	05/18/2021	**6.3**	<0.50	<0.50	<2.0
92540616	13800_HC_RD_20210525	05/25/2021	<5	<0.5	<0.5	<2
92541596	13800_HC_RD_20210601	06/01/2021	<5.0	<0.50	<0.50	<2.0
92543078	13800_HC_RD_20210608	06/08/2021	<5.0	<0.50	<0.50	<2.0
92544310	13800_HC_RD_20210615	06/15/2021	<5	<0.5	<0.5	<2
92545590	13800_HC_RD_20210622	06/22/2021	<5.0	<0.5	<0.5	<2
92545591	DUP-1	06/22/2021	<5	<0.5	**0.9**	<2
92546854	13800_HC_RD_20210629	06/29/2021	**50.5**	<0.50	<0.50	<2.0
92547797	13800_HC_RD_20210706	07/06/2021	**5.0J**	<0.50	<0.50	<2.0
92549166	13800_HC_RD_20210713	07/13/2021	<5.0	<0.50	<0.50	<2.0
92550625	13800_HC_RD_20210720	07/20/2021	<5.0	<0.50	<0.50	<2.0
92551875	13800_HC_RD_20210727	07/27/2021	<5.0	<0.50	<0.50	<2.0
92553041	13800_HC_RD_20210803	08/03/2021	<5.0	<0.50	<0.50	<2.0
92554512	13800_HC_RD_20210810	08/10/2021	**10.4**	<0.5	<0.50	<2.0
92555787	13800_HC_RD_20210817	08/17/2021	**11.2**	<0.50	<0.50	<2.0
92557299	13800_HC_RD_20210824	08/24/2021	<5	<0.5	<0.5	<2
92558702	13800_HC_RD_20210831	08/31/2021	<5	<0.5	<0.5	<2
92558711	DUP-1_20210831	08/31/2021	<5	<0.5	<0.5	<2
92559804	13800_HC_RD 20210907	09/07/2021	<5	<0.5	<0.5	<2
92561212	13800_HC_RD_20210914	09/14/2021	<5	<0.5	<0.5	<2
92561225	DUP-1	09/14/2021	<5	<0.5	<0.5	<2
92562315	13800_HC_RD_20210921	09/21/2021	<5.0	<1	<5	<5
92562323	DUP-1	09/21/2021	<5	<1	<5	<5
92563649	13800_HC_RD_09282021	09/28/2021	<5	<1	<5	<5
92564844	13800_HC_RD_20211005	10/05/2021	<5	<0.5	<0.5	<2
92564847	DUP-1	10/05/2021	<5	<0.5	<0.5	<2
92566381	13800_HC_RD_20211012	10/12/2021	<5	<0.5	<0.5	<2
92566386	DUP-1	10/12/2021	<5	<0.5	<0.5	<2
92567633	13800_HC_RD	10/19/2021	<5	<0.5	<0.5	<2

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			Metals (µg/L)	VOCs (µg/L)		
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92568788	13800_HC_RD	10/26/2021	<5	<0.5	<0.5	<2
92568794	DUP-1	10/26/2021	<5	<0.5	<0.5	<2
92570043	13800_HC_RD	11/02/2021	<5	<0.5	<0.5	<2
92571544	13800_HC_RD	11/09/2021	<5	<0.5	<0.5	<2
92491028	13822_HC_Rd	08/16/2020	**53.0**	<0.50	<0.50	<2.0
92492032	13822_HC_Rd	08/21/2020	**14.2**	NA	NA	NA
92492033	FD_08212020	08/21/2020	**10.3**	NA	NA	NA
92493878	13822_HC_RD	09/02/2020	**11.6**	<0.50	<0.50	<2.0
92495055	13822_HC_RD	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495069	FD-091020	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495927	13822_HC_RD_20200916	09/16/2020	**14.3**	<0.50	<0.50	<2.0
92497407	13822_HC_RD 20200924	09/24/2020	**8.9**	<0.50	<0.50	<2.0
92491385	13831_Sims_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492683	13831_Sims_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494137	13831_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92525138	13831_SIMS_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92558698	13831_SIMS_RD_20210831	08/31/2021	<5	<0.5	<0.5	<2
92491367	13835_AC_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492460	13835_AC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92492469	FD1-08252020	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494135	13835_AC_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92495191	13835_AC_RD	09/11/2020	<5.0	<0.50	<0.50	<2.0
92495943	13835_AC_RD_20200916	09/16/2020	<5.0	**1.7**	**7.4**	<2.0
92497409	13835_AC_RD 20200924	09/24/2020	**16.1**	<0.50	<0.50	<2.0
92498537	13835_AC_RD	10/01/2020	<5.0	<0.50	<0.50	<2.0
92498539	FD-100120	10/01/2020	<5.0	<0.50	<0.50	<2.0
92499665	13835_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500725	13835_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92500731	DUP-1	10/15/2020	<5.0	<0.50	<0.50	NA
92501805	13835_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502955	13835_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0
92502957	DUP-1	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504283	13835_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506030	13835_AC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0
92507400	13835_AC_RD	11/19/2020	<5.0	<0.50	<0.50	<2.0
92508017	13835_AC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0

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			Metals (µg/L)	VOCs (µg/L)		
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92508716	13835_AC_Rd_20201201	12/01/2020	<5.0	<0.50	<0.50	<2.0
92510233	13835_AC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0
92512027	13835_AC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50	<2.0
92512046	DUP-1	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513354	13835_AC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513978	13835_AC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514756	13835_AC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516191	13835_AC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50	<2.0
92516192	DUP-1	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517234	13835_AC_RD_2021119	01/19/2021	<5.0	<0.50	<0.50	<2.0
92518610	13835_AC_RD_2021126	01/26/2021	**15.4**	<0.50	<0.50	<2.0
92519760	13835_AC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521099	13835_AC_RD_20210209	02/09/2021	**15.1**	<0.50	<0.50	<2.0
92522436	13835_AC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50	<2.0
92522438	DUP-1	02/16/2021	<5.0	<0.50	**0.62**	<2.0
92523572	13835_AC_RD_20210223	02/23/2021	<5.0	<0.50	**0.57**	<2.0
92525131	13835_AC_RD_20210302	03/02/2021	<5.0	<0.50	**0.5**	<2.0
92526625	13835_AC_RD_20210309	03/09/2021	**13.5**	<0.50	**0.54**	<2.0
92527864	13835_AC_RD_20210316	03/16/2021	**6.2**	<0.50	**0.51**	<2.0
92529170	13835_AC_RD_20210323	03/23/2021	<5	<0.5	<0.5	<2
92530284	13835_AC_RD_20210330	03/30/2021	<5	<0.5	<0.5	<2
92531392	13835_AC_RD_20210406	04/06/2021	<5.0	<0.50	**0.52**	<2.0
92532714	13835_AC_RD_20210413	04/13/2021	<5	<0.5	**0.65**	<2
92534075	13835_AC_RD_20210420	04/20/2021	<5	<0.5	<0.5	<2
92535405	13835_AC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536813	13835_AC_RD_20210504	05/04/2021	<5.0	<0.5	**0.65**	<2
92538166	13835_AC_RD_20210511	05/11/2021	<5	<0.5	**0.67**	<2
92539526	13835_AC_RD_20210518	05/18/2021	<5.0	<0.50	**0.89**	<2.0
92540628	13835_AC_RD_20210525	05/25/2021	<5	<0.5	**0.74**	<2
92540633	DUP-1	05/25/2021	<5	<0.5	**0.74**	<2
92541591	13835_AC_RD_20210601	06/01/2021	<5.0	<0.50	**0.90**	<2.0
92543079	13835_AC_RD_20210608	06/08/2021	**4.7J**	<0.50	**0.88**	<2.0
92544297	13835_AC_RD_20210615	06/15/2021	<5	<0.5	**0.91**	<2
92545600	13835_AC_RD_20210622	06/22/2021	**7.5**	<0.5	**0.84**	<2
92546857	13835_AC_RD_20210629	06/29/2021	<5.0	<0.50	**0.76**	<2.0
92547790	13835_AC_RD_20210706	07/06/2021	<5.0	<0.50	**0.99**	<2.0

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Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92549184	13835_AC_RD_20210713	07/13/2021	<5.0	<0.50	**0.80**	<2.0
92549163	DUP-1	07/13/2021	<5.0	<0.50	**0.77**	<2.0
92550635	13835_AC_RD_20210720	07/20/2021	<5.0	<0.50	**0.73**	<2.0
92551865	13835_AC_RD_20210727	07/27/2021	<5.0	<0.50	<0.50	<2.0
92553036	13835_AC_RD_20210803	08/03/2021	<5.0	<0.50	**0.96**	<2.0
92554466	13835_AC_RD_20210810	08/10/2021	<5.0	<0.5	**0.5**	<2
92555791	13835_AC_RD_20210817	08/17/2021	<5.0	<0.50	**0.43J**	<2.0
92555763	DUP-1	08/17/2021	<5.0	<0.50	**0.39J**	<2.0
92557302	13835_AC_RD_20210824	08/24/2021	<5	<0.5	<0.5	<2
92558706	13835_AC_RD_20210831	08/31/2021	<5	<0.5	**0.94**	<2
92559807	13835_AC_RD_20210907	09/07/2021	**7.5**	<0.5	**0.72**	<2
92561222	13835_AC_RD_20210914	09/14/2021	<5.0	<0.5	**0.88**	<2
92562313	13835_AC_RD_20210921	09/21/2021	<5.0	<1	**0.829J**	<5
92563647	13835_AC_RD_09282021	09/28/2021	**6.1**	<1	**0.774J**	<5
92564843	13835_AC_RD_20211005	10/05/2021	<5	<0.5	**0.61**	<2
92566382	13835_AC_RD_20211012	10/12/2021	<5	<0.5	**0.37J**	<2
92567635	13835_AC_RD_20211019	10/19/2021	**9.9**	<0.5	**0.65**	<2
92568791	13835_HC_RD_10262021	10/26/2021	<5	<0.5	**0.66**	<2
92570038	13835_AC_RD	11/02/2021	<5	<0.5	**0.75**	<2
92571579	13835_AC_RD	11/09/2021	<5	<0.5	**0.54**	<2
92571587	DUP-1	11/09/2021	<5	<0.5	<0.5	<2
92491363	13901_Sims_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92491368	FD1_081720	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492466	13901_Sims_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494138	13901_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92525133	13901_Sims_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92558685	13901_SIMS_RD_20210831	08/31/2021	<5	<0.5	<0.5	<2
92491259	13920_Sims_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492462	13920_Sims_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494130	13920_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92525130	13920_SIMS_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92558707	13920_SIMS_RD_20210831	08/31/2021	<5	<0.5	<0.5	<2
92491360	13923_AC_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492465	13923_AC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494139	13923_AC_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92495190	13923_AC_RD	09/11/2020	<5.0	<0.50	<0.50	<2.0

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		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92495938	13923_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497416	13923_AC_RD 20200924	09/24/2020	**5.5**	<0.50	<0.50	<2.0
92498533	13923_AC_RD	10/01/2020	<5.0	<0.50	<0.50	<2.0
92499672	13923_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92491030	13926A_HC_Rd	08/16/2020	<5.0	<0.50	<0.50	<2.0
92492029	13926A_HC_Rd	08/21/2020	<5.0	NA	<0.50	NA
92493902	13926A_HC_RD	09/02/2020	<5.0	<0.50	<0.50	<2.0
92495062	13926A_HC_RD	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495945	13926A_HC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497401	13926A_HC_RD 20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498130	13926A_HC_RD_20200930	09/30/2020	<5.0	<0.50	<0.50	<2.0
92499670	13926A_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500718	13926A_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501815	13926A_HC_RD_20201022	10/22/2020	**5.2**	<0.50	<0.50	<2.0
92502951	13926A_HC_RD_20201029	10/29/2020	**6.6**	<0.50	<0.50	<2.0
92504292	13926A_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506028	13926A_HC_RD	11/12/2020	<5.0	<0.50	**8.2**	<2.0
92507401	13926A_HC_RD	11/19/2020	**5.8**	<0.50	<0.50	<2.0
92508011	13926A_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508712	13926A_HC_RD_20201201	12/01/2020	**5.9**	<0.50	<0.50	<2.0
92510243	13926A_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0
92512042	13926A_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513351	13926A_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513975	13926A_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514754	13926A_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516196	13926A_HC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517224	13926A_HC_RD_2021119	01/19/2021	<5.0	<0.50	<0.50	<2.0
92518620	13926A_HC_RD 2021126	01/26/2021	<5.0	<0.50	<0.50	<2.0
92519764	13926A_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521095	13926A_HC_RD_20210209	02/09/2021	**24.2**	<0.50	<0.50	<2.0
92522435	13926A_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50	<2.0
92523580	13926A_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50	<2.0
92525137	13926A_HC_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92526622	13926A_HC_RD_20210309	03/09/2021	**7.3**	<0.50	<0.50	<2.0
92527881	13926A_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50	<2.0
92529132	13926A_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5	<2

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Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92530272	13926A_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5	<2
92530286	DUP-1	03/30/2021	<5.0	<0.50	<0.50	<2.0
92531391	13926A_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50	<2.0
92532713	13926A_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5	<2
92534055	13926A_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5	<2
92535410	13926A_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536815	13926A_HC_RD_20210504	05/04/2021	<5.0	<0.5	<0.5	<2
92538170	13926A_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5	<2
92539532	13926A_HC_RD_20210518	05/18/2021	<5.0	<0.50	<0.50	<2.0
92540609	13926A_HC_RD.20210525	05/25/2021	<5	<0.5	<0.5	<2
92541580	13926A_HC_RD_20210601	06/01/2021	<5.0	<0.50	<0.50	<2.0
92543082	13926A_HC_RD_20210608	06/08/2021	**4.9**	<0.50	<0.50	<2.0
92544294	13926A_HC_RD_20210615	06/15/2021	<5	<0.5	<0.5	<2
92545595	13926A_HC_RD_20210622	06/22/2021	**6.2**	<0.5	<0.5	<2
92546855	13926A_HC_RD_20210629	06/29/2021	<5.0	<0.50	<0.50	<2.0
92547792	13926A_HC_RD_20210706	07/06/2021	<5.0	<0.50	<0.50	<2.0
92549173	13926A_HC_RD_20210713	07/13/2021	<5.0	<0.50	<0.50	<2.0
92550639	13926A_HC_RD_20210720	07/20/2021	**89.3**	<0.50	<0.50	<2.0
92551860	13926A_HC_RD_20210727	07/27/2021	<5.0	<0.50	<0.50	<2.0
92553034	13926A_HC_RD_20210803	08/03/2021	<5.0	<0.5	<0.50	<2
92553048	DUP-1	08/03/2021	<5	<0.5	<0.50	<2
92554518	13926A_HC_RD_20210810	08/10/2021	<5	<0.5	<0.5	<2
92555767	13926A_HC_RD_20210817	08/17/2021	**17.5**	<0.50	<0.50	<2.0
92491030	13926B_HC_Rd	08/16/2020	<5.0	<0.50	**8.9**	<2.0
92492030	13926B_HC_Rd	08/21/2020	NA	NA	**8.4**	NA
92493891	13926B_HC_RD	09/02/2020	<5.0	<0.50	**9.4**	<2.0
92495059	13926B_HC_RD	09/10/2020	<5.0	<0.50	**7.6**	<2.1
92495941	13926B_HC_RD_20200916	09/16/2020	<5.0	<0.50	**9.6**	<2.0
92495930	Field_Duplicate 09-16-2020	09/16/2020	<5.0	<0.50	**10.1**	<2.0
92497412	13926B_HC_RD 20200924	09/24/2020	<5.0	<0.50	**9.8**	<2.0
92498128	13926B_HC_RD_20200930	09/30/2020	<5.0	<0.50	**6.3**	<2.0
92499661	13926B_HC_RD_20201008	10/08/2020	<5.0	<0.50	**9.3**	<2.0
92500720	13926B_HC_RD_20201015	10/15/2020	<5.0	<0.50	**8.9**	<2.0
92501809	13926B_HC_RD_20201022	10/22/2020	<5.0	<0.50	**8.7**	<2.0
92502943	13926B_HC_RD_20201029	10/29/2020	<5.0	<0.50	**8.9**	<2.0
92504284	13926B_HC_RD_20201105	11/05/2020	<5.0	<0.50	**9.2**	<2.0

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			Metals (µg/L)	VOCs (µg/L)		
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92506050	13926B_HC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0
92507398	13926B_HC_RD	11/19/2020	<5.0	<0.50	**7**	<2.0
92508014	13926B_HC_RD_20201124	11/24/2020	<5.0	<0.50	**8.7**	<2.0
92508823	13926B_HC_RD 20201201	12/01/2020	**6.6**	<0.50	**6.8**	<2.0
92510237	13926B_HC_RD_20201208	12/08/2020	<5.0	<0.50	**9.2**	<2.0
92512044	13926B_HC_RD_20201215	12/15/2020	<5.0	<0.50	**8.5**	<2.0
92513370	13926B_HC_RD_20201222	12/22/2020	<5.0	<0.50	**6.4**	<2.0
92513986	13926B_HC_RD_20201229	12/29/2020	<5.0	<0.50	**7.5**	<2.0
92514757	13926B_HC_RD_20210105	01/05/2021	<5.0	<0.50	**11.5**	<2.0
92514760	DUP-1	01/05/2021	<5.0	<0.50	**11.7**	<2.0
92516195	13926B_HC_RD_2021112	01/12/2021	<5.0	<0.50	**9.7**	<2.0
92517242	13926B_HC_RD_2021119	01/19/2021	<5.0	<0.50	**8.8**	<2.0
92517218	DUP-1	01/19/2021	<5.0	<0.50	**8.6**	<2.0
92518587	13926B_HC_RD_2021126	01/26/2021	<5.0	<0.50	**7.9**	<2.0
92519742	13926B_HC_RD_20210202	02/02/2021	<5.0	<0.50	**9**	<2.0
92521084	13926B_HC_RD_20210209	02/09/2021	<5.0	<0.50	**8.9**	<2.0
92522444	13926B_HC_RD_20210216	02/16/2021	<5.0	<0.50	**9**	<2.0
92523576	13926B_HC_RD_20210223	02/23/2021	<5.0	<0.50	**9.3**	<2.0
92523574	Dup-1	02/23/2021	<5.0	<0.50	**9.7**	<2.0
92525136	13926B_HC_RD_20210302	03/02/2021	<5.0	<0.50	**7.8**	<2.0
92525144	DUP-1	03/02/2021	<5.0	<0.50	**0.54**	<2.0
92526624	13926B_HC_RD_20210309	03/09/2021	<5.0	<0.50	**9.3**	<2.0
92527878	13926B_HC_RD_20210316	03/16/2021	<5.0	<0.50	**8.7**	<2.0
92529205	13926B_HC_RD_20210323	03/23/2021	<5	<0.5	**8.1**	<2
92530274	13926B_HC_RD_20210330	03/30/2021	<5	<0.5	**7.5**	<2
92531403	13926B_HC_RD_20210406	04/06/2021	<5.0	<0.50	**7.9**	<2.0
92532710	13926B_HC_RD_20210413	04/13/2021	<5	<0.5	**8.5**	<2
92534064	13926B_HC_RD_20210420	04/20/2021	<5	<0.5	**8.6**	<2
92535409	13926B_HC_RD_20210427	04/27/2021	<5.0	<0.50	**8.8**	<2.0
92536816	13926B_HC_RD_20210504	05/04/2021	<5.0	<0.5	**9.7**	<2
92536817	DUP-1	05/04/2021	<5.0	<0.5	**9.2**	<2
92538168	13926B_HC_RD_20210511	05/11/2021	<5	<0.5	**8.3**	<2
92539517	13926B_HC_RD_202010518	05/18/2021	NA	<0.50	**10**	<2.0
92540625	13926B_HC_RD_20210525	05/25/2021	<5	<0.5	**9.0**	<2
92541583	13926B_HC_RD_20210601	06/01/2021	<5.0	<0.50	**9.0**	<2.0

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Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92543083	13926B_HC_RD_20210608	06/08/2021	<5.0	<0.50	**8.6**	<2.0
92543084	DUP-1	06/08/2021	<5	<0.5	**8.9**	<2
92544313	13926B_HC_RD_20210615	06/15/2021	<5	<0.5	**9.9**	<2
92545592	13926B_HC_RD_20210622	06/22/2021	<5	<0.5	**9.2**	<2
92546858	13926B_HC_RD_20210629	06/29/2021	<5.0	<0.50	**8.8**	<2.0
92547782	13926B_HC_RD_20210706	07/06/2021	<5.0	<0.50	**9.5**	<2.0
92549179	13926B_HC_RD_20210713	07/13/2021	<5.0	<0.50	**9.0**	<2.0
92550630	13926B_HC_RD_20210720	07/20/2021	<5.0	<0.50	**8.0**	<2.0
92550622	DUP-1	07/20/2021	<5.0	<0.50	**8.4**	<2.0
92551862	13926B_HC_RD_20210727	07/27/2021	<5.0	<0.50	**8.6**	<2.0
92553044	13926B_HC_RD_20210803	08/03/2021	<5.0	<0.5	**7.7**	<2
92554504	13926B_HC_RD_20210810	08/10/2021	<5.0	<0.5	**9.5**	<2
92555776	13926B_HC_RD_20210817	08/17/2021	<5.0	<0.50	**8.5**	<2.0
92492031	13937_AC_Rd	08/21/2020	<5.0	<0.50	<0.50	<2.0
92492463	13937_AC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494129	13937_AC_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92494126	FD-090320	09/03/2020	<0.50	<0.50	<0.50	<2.0
92495051	13937_AC_RD	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495928	13937_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497405	13937_AC_RD 20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498536	13937_AC_RD	10/01/2020	<5.0	<0.50	<0.50	<2.0
92499667	13937_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92491152	13945_AC_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492461	13945_AC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92493888	13945_AC_RD	09/02/2020	<5.0	<0.50	<0.50	<2.0
92495063	13945_AC_RD	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495935	13945_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497410	13945_AC_RD 20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498532	13945_AC_RD	10/01/2020	<5.0	<0.50	<0.50	<2.0
92499669	13945_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500726	13945_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501817	DUP-1	10/22/2020	<5.0	<0.50	<0.50	<2.0
92501807	13945_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502946	13945_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504280	13945_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506044	13945_AC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0

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Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92507397	13945_AC_RD	11/19/2020	<5.0	<0.50	<0.50	<2.0
92508007	13945_AC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508713	13945_AC_Rd_20201201	12/01/2020	<5.0	<0.50	<0.50	<2.0
92508822	DUP-1	12/01/2020	<0.50	<0.50	<0.50	<0.50
92510208	13945_AC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0
92525142	14000_LAWTHER_RD_20210302	03/02/2021	<5.0	<0.50	**1.2**	<2.0
92491555	14015 ASBURY CHAPEL RD	08/18/2020	<5.0	<0.50	<0.50	<2.0
92492468	14015_AC_Rd	08/25/2020	<5.0	<0.50	**1.5**	<2.0
92493886	14015_AC_RD	09/02/2020	<5.0	<0.50	**4.4**	<2.0
92495058	14015_AC_RD	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495932	14015_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497403	14015_AC_RD 20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498133	14015_AC_RD_20200930	09/30/2020	<5.0	<0.50	<0.50	<2.0
92499671	14015_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92499673	DUP-1	10/08/2020	<5.0	<0.50	<0.50	NA
92500727	14015_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501814	14015_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502948	14015_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504297	14015_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92504300	DUP-1	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506055	14015_AC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0
92506038	FD-111220	11/12/2020	<5.0	<0.50	<0.50	<2.0
92491361	14024_Sims_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492464	14024_Sims_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494133	14024_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92525135	14024_SIMS_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92558694	14024_SIMS_RD_20210831	08/31/2021	<5	<0.5	<0.5	<2
92493111	14037_Lawther_Rd	08/30/2020	**37.3**	<0.50	<0.50	<2.0
92495188	14037_LAWTHER_RD	09/11/2020	**23.1**	<0.50	<0.50	<2.0
92491027	14108_HC_Rd	08/15/2020	<5.0	<0.50	<0.50	<2.0
92492688	14108_HC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92491029	14226_HC_ Rd	08/16/2020	<5.0	<0.50	<0.50	<2.0
92492685	14226_HC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92493881	14226_HC_RD	09/02/2020	<5.0	<0.50	<0.50	<2.0
92493905	FD_09_02_20	09/02/2020	<5.0	<0.50	<0.50	<2.0

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		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92495187	14226_HC_RD	09/11/2020	<5.0	<0.50	<0.50	<2.0
92495193	FD-091120	09/11/2020	<5.0	<0.50	<0.50	<2.0
92495934	14226_HC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497413	14226_HC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92497418	DUP-1	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498535	14226_HC_RD	10/01/2020	**6.1**	<0.50	<0.50	<2.0
92499662	14226_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500723	14226_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501813	14226_HC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502953	14226_HC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504286	14226_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506051	14226_HC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0
92507396	14226_HC_RD	11/19/2020	<5.0	<0.50	<0.50	<2.0
92508028	14226_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508021	DUP-1	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508835	14226_HC_RD_20201201	12/01/2020	<5.0	<0.50	<0.50	<2.0
92510240	14226_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0
92510245	DUP-1	12/08/2020	<5.0	<0.50	<0.50	<2.0
92511927	14226_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513359	14226_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513988	14226_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50	<2.0
92513991	DUP-1	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514751	14226_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516188	14226_HC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517237	14226_HC_RD_2021119	01/19/2021	NA	<0.50	<0.50	<2.0
92518581	14226_HC_RD_2021126	01/26/2021	<5.0	<0.50	<0.50	<2.0
92519752	14226_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50	<2.0
92519734	Dup-1	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521102	14226_HC_RD_20210209	02/09/2021	<5.0	<0.50	<0.50	<2.0
92521104	DUP-1	02/09/2021	<5.0	<0.50	<0.50	<2.0
92522445	14226_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50	<2.0
92523584	14226_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50	<2.0
92525132	14226_HC_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92526623	14226_HC_RD_20210309	03/09/2021	<5.0	<0.50	<0.50	<2.0
92527853	14226_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50	<2.0
92529174	14226_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5	<2

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		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92530278	14226_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5	<2
92527887	DUP-1	03/16/2021	<5.0	<0.50	<0.50	<2.0
92531398	14226_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50	<2.0
92532715	14226_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5	<2
92534061	14226_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5	<2
92535397	14226_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536809	14226_HC_RD_20210504	05/04/2021	<5	<0.5	<0.5	<2.0
92538174	14226_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5	<2
92538175	DUP-1	05/11/2021	<5	<0.5	<0.5	<2
92539530	14226_HC_RD_20210518	05/18/2021	NA	<0.50	<0.50	<2.0
92539530	14226_HC_RD_20210525	05/25/2021	<5	<0.5	<0.5	<2
92541587	14226_HC_RD_20210601	06/01/2021	<5.0	<0.50	<0.50	<2.0
92543077	14226_HC_RD_20210608	06/08/2021	<5.0	<0.50	**0.57**	<2.0
92544299	14226_HC_RD_20210615	06/15/2021	<5	<0.5	<0.5	<2
92545602	14226_HC_RD_20210622	06/22/2021	<5	<0.5	**0.35J**	<2
92546853	14226_HC_RD_20210629	06/29/2021	<5.0	<0.50	<0.50	<2.0
92547803	14226_HC_RD_20210706	07/06/2021	<5.0	<0.50	<0.50	<2.0
92547763	DUP-1	07/06/2021	<5.0	<0.50	<0.50	<2.0
92549176	14226_HC_RD_20210713	07/13/2021	<5.0	<0.50	<0.50	<2.0
92550627	14226_HC_RD_20210720	07/20/2021	<5.0	<0.50	<0.50	<2.0
92551873	14226_HC_RD_20210727	07/27/2021	<5.0	<0.50	<0.50	<2.0
92551882	DUP-1	07/27/2021	<5.0	<0.50	<0.50	<2.0
92553038	14226_HC_RD_20210803	08/03/2021	<5.0	<0.50	<0.50	<2.0
92554456	14226_HC_RD_20210810	08/10/2021	**8.8**	<0.5	<0.50	<2
92555774	14226_HC_RD_20210817	08/17/2021	<5.0	<0.50	<0.50	<2.0
92557303	14226_HC_RD_20210824	08/24/2021	<5	<0.5	<0.5	<2
92557292	Dup-1_20210824	08/24/2021	<5	<0.5	<0.5	<2
92558704	14226_HC_RD_20210831	08/31/2021	<5	<0.5	**0.4J**	<2
92559812	14226_HC_RD 20210907	09/07/2021	<5	<0.5	<0.5	<2
92561215	14226_HC_RD_20210914	09/14/2021	<5	<0.5	<0.5	<2
92562311	14226_HC_RD_20210921	09/21/2021	<5.0	<1	**0.143J**	<5
92563643	14226_HC_RD_09282021	09/28/2021	<5.0	<1	**0.313J**	<5
92563645	DUP-1	09/28/2021	<5.0	<1	**0.287J**	<5
92564837	14226_HC_RD_20211005	10/05/2021	<5	<0.5	<0.5	<2
92566380	14226_HC_RD_20211012	10/12/2021	**6.3**	<0.5	<0.5	<2
92567634	14226_HC_RD_20211019	10/19/2021	<5	<0.5	<0.5	<2

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			Metals (µg/L)	VOCs (µg/L)		
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92568782	14226_HC_RD	10/26/2021	<5	<0.5	<0.5	<2
92570047	14226_HC_RD	11/02/2021	<5	<0.5	<0.5	<2
92570099	DUP -1	11/02/2021	<5	<0.5	<0.5	<2
92571551	14226_HC_RD	11/09/2021	<5	<0.5	<0.5	<2
92495192	14401_HC_RD	09/11/2020	<5.0	<0.50	<0.50	<2.0
92495926	14401_HC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497414	14401_HC_RD 20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498534	14401_HC_RD	10/01/2020	<5.0	<0.50	<0.50	<2.0
92499663	14401_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500730	14401_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501803	14401_HC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502940	14401_HC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504290	14401_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506047	14401_HC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0
92507394	14401_HC_RD	11/19/2020	<5.0	<0.50	<0.50	<2.0
92508004	14401_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508717	14401_HC_RD_20201201	12/01/2020	**5.8**	<0.50	<0.50	<2.0
92510211	14401_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0
92512045	14401_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513372	14401_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513342	Dup-1	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513981	14401_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514759	14401_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516197	14401_HC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517232	14401_HC_RD_2021119	01/19/2021	<5.0	<0.50	<0.50	<2.0
92518569	14401_HC_RD_20211126	01/26/2021	<5.0	<0.50	<0.50	<2.0
92518564	DUP-1	01/26/2021	<5.0	<0.50	<0.50	<2.0
92519739	14401_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521093	14401_HC_RD_20210209	02/09/2021	<5.0	<0.50	<0.50	<2.0
92522431	14401_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50	<2.0
92523581	14401_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50	<2.0
92525134	14401_HC_RD_20210302	03/02/2021	**10.4**	<0.50	<0.50	<2.0
92526626	14401_HC_RD_20210309	03/09/2021	<5.0	<0.50	<0.50	<2.0
92526621	DUP-1	03/09/2021	<5.0	<0.50	<0.50	<2.0
92527871	14401_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50	<2.0
92527871	14401_HC_RD_20210316	03/16/2021	<5	<0.5	<0.5	<2

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			Metals (µg/L)	VOCs (µg/L)		
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92529145	14401_HC_RD_20210323	03/23/2021	**5.5**	<0.5	<0.5	<2
92530273	14401_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5	<2
92531400	14401_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50	<2.0
92532719	14401_HC_RD_20210413	04/13/2021	**20.4**	<0.5	<0.5	<2
92534072	14401_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5	<2
92535399	14401_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536814	14401_HC_RD_20210504	05/04/2021	**5.1**	<0.5	<0.5	<2
92538161	14401_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5	<2
92539519	14401_HC_RD_20210518	05/18/2021	<5.0	<0.50	<0.50	<2.0
92540621	14401_HC_RD_20210525	05/25/2021	<5	<0.5	<0.5	<2
92541589	14401_HC_RD_20210601	06/01/2021	<5.0	<0.50	<0.50	<2.0
92543081	14401_HC_RD_20210608	06/08/2021	<5.0	<0.50	<0.50	<2.0
92544312	14401_HC_RD_20210615	06/15/2021	<5	<0.5	<0.5	<2
92545598	14401_HC_RD_20210622	06/22/2021	<5	<0.5	<0.5	<2
92546850	14401_HC_RD_20210629	06/29/2021	<5.0	<0.50	<0.50	<2.0
92546846	Dup-1	06/29/2021	<5.0	<0.50	<0.50	<2.0
92547811	14401_HC_RD_20210706	07/06/2021	<5.0	<0.50	<0.50	<2.0
92549171	14401_HC_RD_20210713	07/13/2021	<5.0	<0.50	<0.50	<2.0
92550626	14401_HC_RD_20210720	07/20/2021	<5.0	<0.50	<0.50	<2.0
92551854	14401_HC_RD_20210727	07/27/2021	<5.0	<0.50	<0.50	<2.0
92553032	14401_HC_RD_20210803	08/03/2021	<5.0	<0.5	<0.50	<2
92554497	14401_HC_RD_20210810	08/10/2021	<5.0	<0.5	<0.50	<2
92554531	Dup-1_20210810	08/10/2021	<5	<0.5	<0.5	<2
92555782	14401_HC_RD_20210817	08/17/2021	<5.0	<0.50	<0.50	<2.0
92557300	14401_HC_RD_20210824	08/24/2021	<5	<0.5	<0.5	<2
92558709	14401_HC_RD_20210831	08/31/2021	<5	<0.5	<0.5	<2
92559806	14401_HC_RD 20210907	09/07/2021	<5	<0.5	<0.5	<2
92559813	DUP-1_20210907	09/07/2021	<5	<0.5	<0.5	<2
92561217	14401_HC_RD_20210914	09/14/2021	<5	<0.5	<0.5	<2
92562318	14401_HC_RD_20210921	09/21/2021	<5.0	<1	<5	<5
92563651	14401_HC_RD_09282021	09/28/2021	<5.0	<1	<5	<5
92564839	14401_HC_RD_20211005	10/05/2021	<5	<0.5	<0.5	<2
92566385	14401_HC_RD_20211012	10/12/2021	**75.3**	<0.5	<0.5	<2
92567628	14401_HC_RD	10/19/2021	<5	<0.5	<0.5	<2
92567636	DUP-1	10/19/2021	<5	<0.5	<0.5	<2
92568784	14401_HC_RD_10262021	10/26/2021	<5	<0.5	<0.5	<2

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			Metals (µg/L)	VOCs (µg/L)		
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92570034	14401_HC_RD	11/02/2021	<5	<0.5	<0.5	<2
92571547	14401_HC_RD	11/09/2021	<5	<0.5	<0.5	<2
92492048	15104_PL_Dr	08/22/2020	NA	NA	NA	NA
92492044	15110_PL_ Dr	08/22/2020	NA	NA	NA	NA
92492047	15120_PL_Dr	08/22/2020	NA	NA	NA	NA
92492046	15128_PL_ Dr	08/22/2020	NA	NA	NA	NA
92492045	15136_PL_ Dr	08/22/2020	NA	NA	NA	NA
92491031	16366_HC_Rd	08/16/2020	<5.0	<0.50	<0.50	<2.0
92492689	HOA_Lawn	08/26/2020	<5.0	<0.50	<0.50	<2.0
92492686	FD1_08262020	08/26/2020	<5.0	<0.50	<0.50	<2.0
92493898	HOA_LAWN	09/02/2020	<5.0	<0.50	<0.50	<2.0
92495066	HOA_LAWN	09/10/2020	<5.0	<0.50	<0.50	<2.0
92558692	HOA_HC_RD_20210831	08/31/2021	**4.8J**	<0.5	<0.5	<2
QC Data						
92497418	FB-1	09/24/2020	<5.0	<0.50	<0.50	<2.0
92492469	Field Blank	08/25/2020	<5.0	<0.50	<0.50	**2.1**
92492905	Field Blank	08/27/2020	<5.0	<0.50	<0.50	<2.0
92492033	Field_Blank	08/21/2020	<5.0	NA	NA	NA
92492686	Field_Blank	08/26/2020	<5.0	<0.50	<0.50	<2.0
92493905	Field_Blank	09/02/2020	<5.0	<0.50	<0.50	<2.0
92494126	Field_Blank	09/03/2020	<0.50	<0.50	<0.50	<2.0
92495069	FIELD_BLANK	09/10/2020	<5.0	<0.50	<0.50	**3.3**
92495193	FIELD_BLANK	09/11/2020	<5.0	<0.50	<0.50	**3.1**
92495930	Field_Blank 09-16-2020	09/16/2020	<5.0	<0.50	<0.50	**2.9**
92491368	FIELD_BLANK_1	08/17/2020	<5.0	<0.50	<0.50	<2.0
92499673	FB-1	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500731	FB-1	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501817	FB-1	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502957	FB-1	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504300	FB-1	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506038	Field Blank	11/12/2020	<5.0	<0.50	<0.50	<2.0
92507391	Field Blank	11/19/2020	<5.0	<0.50	<0.50	<2.0
92508021	FB-1	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508822	FB-1	12/01/2020	<0.50	<0.50	<0.50	<0.50
92510245	FB-1	12/08/2020	<5.0	<0.50	<0.50	<2.0

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			Metals (µg/L)	VOCs (µg/L)		
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	15	0.6	70	5
		IMAC Standards	--	--	--	--
92512046	FB-1	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513342	FB-1	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513991	FB-1	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514760	FB-1	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516192	FB-1	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517218	FB-1	01/19/2021	<5.0	<0.50	<0.50	<2.0
92518564	FB-1	01/26/2021	<5.0	<0.50	<0.50	<2.0
92519734	FB-1	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521104	FB-1	02/09/2021	<5.0	<0.50	<0.50	<2.0
92522438	FB-1	02/16/2021	<5.0	<0.50	<0.50	<2.0
92523574	FB-1	02/23/2021	<5.0	<0.50	<0.50	<2.0
92525144	FB-1	03/02/2021	<5.0	<0.50	<0.50	<2.0
92526621	FB-1	03/09/2021	<5.0	<0.50	<0.50	<2.0
92527887	FB-1	03/16/2021	<5.0	<0.50	<0.50	<2.0
92530286	FB-1	03/30/2021	<5.0	<0.50	<0.50	<2.0
92531397	FB-1	04/06/2021	<5.0	<0.50	<0.50	<2.0
92535408	FB-1	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536817	FB-1	05/04/2021	<5.0	<0.5	<0.50	<2
92538175	FB-1	05/11/2021	<5	<0.5	<0.5	<2
92539533	FB-1	05/18/2021	<5.0	<0.50	<0.50	<2.0
92540633	FB-1	05/25/2021	<5	<0.5	<0.5	<2
92541599	FB-1	06/01/2021	<5.0	<0.50	<0.50	<2.0
92543084	FB-1	06/08/2021	<5.0	<0.50	<0.50	<2.0
92545591	FB-1	06/22/2021	<5	<0.5	<0.5	<2
92546846	FB-1	06/29/2021	<5.0	<0.50	<0.50	<2.0
92547763	FB-1	07/06/2021	<5.0	<0.50	<0.50	<2.0
92549163	FB-1	07/13/2021	<5.0	<0.50	<0.50	<2.0
92550622	FB-1	07/20/2021	<5.0	<0.50	<0.50	<2.0
92551882	FB-1	07/27/2021	<5.0	<0.50	<0.50	<2.0
92553048	FB-1	08/03/2021	<5.0	<0.5	<0.50	<2
92554531	FB-1	08/10/2021	<5	<0.5	<0.5	<2
92555763	FB-1	08/17/2021	<5.0	<0.50	<0.50	<2.0
92557292	FB-1	08/24/2021	<5	<0.5	<0.5	<2
92558711	FB-1	08/31/2021	<5	<0.5	<0.5	<2
92559813	FB-1	09/07/2021	<5	<0.5	<0.5	<2

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Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	15	0.6	70	5
		IMAC Standards	--	--	--	--
92561225	FB-1	09/14/2021	<5	<0.5	<0.5	<2
92562323	FB-1	09/21/2021	<5	<1	<5	<5
92563645	FB-1	09/28/2021	<5	<1	<5	<5
92564847	FB-1*	10/05/2021	<5	<0.5	<0.5	<2
92566386	FB-1	10/12/2021	<5	<0.5	<0.5	<2
92567636	FB-1	10/19/2021	<5	<0.5	<0.5	<2
92568794	FB-1	10/26/2021	<5	<0.5	<0.5	<2
92570099	FB-1	11/02/2021	<5	<0.5	<0.5	<2
92571587	EB-1	11/09/2021	<5	<0.5	<0.5	<2
92492469	Trip Blank	08/25/2020	NA	<0.50	<0.50	<2.0
92492905	Trip Blank	08/27/2020	NA	<0.50	<0.50	<2.0
92491368	TRIP_BLANK	08/17/2020	NA	<0.50	<0.50	<2.0
92491387	TRIP_BLANK	08/18/2020	NA	<0.50	<0.50	<2.0
92491555	TRIP_BLANK	08/18/2020	NA	<0.50	<0.50	<2.0
92492033	Trip_Blank	08/21/2020	NA	NA	<0.50	NA
92493111	Trip_Blank	08/30/2020	NA	<0.50	<0.50	<2.0
92493905	Trip_Blank	09/02/2020	NA	<0.50	<0.50	<2.0
92494126	Trip_Blank	09/03/2020	NA	<0.50	<0.50	<2.0
92495069	TRIP_BLANK	09/10/2020	NA	<0.50	<0.50	<2.0
92495193	TRIP_BLANK	09/11/2020	NA	<0.50	<0.50	<2.0
92495930	Trip_Blank	09/16/2020	NA	<0.50	<0.50	<2.0
92497418	Trip_Blank	09/24/2020	NA	<0.50	<0.50	<2.0
92499673	TRIP BLANK	10/08/2020	NA	<0.50	<0.50	<2.0
92500731	TRIP BLANK	10/15/2020	NA	<0.50	<0.50	<2.0
92501817	TRIP BLANK	10/22/2020	NA	<0.50	<0.50	<2.0
92502957	TRIP BLANK	10/29/2020	NA	<0.50	<0.50	<2.0
92504300	TRIP BLANK	11/05/2020	NA	<0.50	<0.50	<2.0
92506038	Trip Blank	11/12/2020	NA	<0.50	<0.50	<2.0
92507391	Trip Blank	11/19/2020	NA	<0.50	<0.50	<2.0
92508021	Trip Blank	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508822	Trip Blank	12/01/2020	NA	<0.50	<0.50	<0.50
92510245	Trip Blank	12/08/2020	NA	<0.50	<0.50	<2.0
92512046	Trip Blank	12/15/2020	NA	<0.50	<0.50	<2.0
92513342	Trip Blank	12/22/2020	NA	<0.50	<0.50	<2.0
92513991	Trip Blank	12/29/2020	NA	<0.50	<0.50	<2.0
92514760	TRIP BLANK	01/05/2021	NA	<0.50	<0.50	<2.0

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Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92516192	Trip Blank	01/12/2021	NA	<0.50	<0.50	<2.0
92517218	TRIP BLANK	01/19/2021	NA	<0.50	<0.50	<2.0
92518564	Trip Blank	01/26/2021	NA	<0.50	<0.50	<2.0
92519734	Trip Blank	02/02/2021	NA	<0.50	<0.50	<2.0
92521104	Trip Blank	02/09/2021	NA	<0.50	<0.50	<2.0
92522438	Trip Blank	02/16/2021	NA	<0.50	<0.50	<2.0
92523574	Trip Blank	02/23/2021	NA	<0.50	<0.50	<2.0
92525144	Trip Blank	03/02/2021	NA	<0.50	<0.50	<2.0
92526621	Trip Blank	03/09/2021	NA	<0.50	<0.50	<2.0
92527887	TRIP BLANK	03/16/2021	NA	<0.50	<0.50	<2.0
92530286	Trip Blank	03/30/2021	NA	<0.50	<0.50	<2.0
92531397	TRIP BLANK	04/06/2021	NA	<0.50	<0.50	<2.0
92535408	TRIP BLANK	04/27/2021	NA	<0.50	<0.50	<2.0
92536817	Trip Blank	05/04/2021	NA	<0.5	<0.5	<2
92538175	TRIP BLANK	05/11/2021	NA	<0.5	<0.5	<2
92539533	TRIP BLANK	05/18/2021	NA	<0.50	<0.50	<2.0
92540633	TRIP BLANK	05/25/2021	NA	<0.5	<0.5	<2
92541599	Trip Blank	06/01/2021	NA	<0.50	<0.50	<2.0
92543084	Trip Blank	06/08/2021	NA	<0.50	<0.50	<2.0
92545591	TRIP BLANK	06/22/2021	NA	<0.5	<0.5	<2
92546846	Trip Blank	06/29/2021	NA	<0.50	<0.50	<2.0
92547763	TRIP BLANK	07/06/2021	NA	<0.50	<0.50	<2.0
92549163	Trip Blank	07/13/2021	NA	<0.50	<0.50	<2.0
92550622	Trip Blank	07/20/2021	NA	<0.50	<0.50	<2.0
92551882	Trip Blank	07/27/2021	NA	<0.50	<0.50	<2.0
92553048	TRIP BLANK	08/03/2021	NA	<0.5	<0.50	<2
92554531	Trip Blank	08/10/2021	NA	<0.5	<0.5	<2
92555763	TB	08/17/2021	NA	<0.50	<0.50	<2.0
92557292	Trip Blank	08/24/2021	NA	<0.5	<0.5	<2
92558711	TRIP BLANK	08/31/2021	NA	<0.5	<0.5	<2
92559813	TRIP BLANK	09/07/2021	NA	<0.5	<0.5	<2
92562323	TRIP BLANK	09/21/2021	NA	<1	<5	**0.466J**
92563645	TRIP BLANK	09/28/2021	NA	<1	<5	**0.672J**
92564847	TRIP BLANK	10/05/2021	NA	<0.5	<0.5	<2
92566386	TRIP BLANK	10/12/2021	NA	<0.5	<0.5	<2
92567636	TRIP BLANK	10/19/2021	NA	<0.5	<0.5	<2
92568794	TRIP BLANK	10/26/2021	NA	<0.5	<0.5	<2

Table 7
Summary of Water Supply Well Sampling Results

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

			Metals (µg/L)	VOCs (µg/L)		
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	**15**	**0.6**	**70**	**5**
		IMAC Standards	**--**	**--**	**--**	**--**
92570099	TRIP BLANK	11/02/2021	NA	<0.5	<0.5	<2
92571587	TRIP BLANK	11/09/2021	NA	<0.5	<0.5	<2

Notes:
All units reported in micrograms per liter (µg/L)
Only detected constituents are shown
Samples beginning with "FD", "Field_Duplicate" and "DUP" are field duplicates and co-samples of the preceeding row
Shading indicates a detection greater than the NCAC 2L Groundwater Standard
Bold text indicates a detection greater than the laboratory reporting limit
NCAC 2L Standard - North Carolina 15A NCAC 2L Groundwater Standard
NA - Not Analyzed
ID - Identification
"<" - Indicates compound was not detected above laboratory reporting limit
J - Estimated concentration below laboratory reporting limit
Lead - Analyzed by Method 6010D
VOCs - Volatile Organic Compounds, analyzed by Method SM 6200B
VPH - Volatile Petroleum Hydrocarbons analyzed by Method MADEP VPH
MADEP - Massachusetts Department of Environmental Protection; as required by North Carolina Department of Environmental Quality
"*" - VPH (C9-C10 Aromatics) was detected in the Field Blank at a J-flagged value of 38.4J on October 5, 2021

Table 8
Summary of Potential Receptor Information

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well # / Receptor ID	Type	Contact Name	Own/ User/ Both	Contact Phone #	Street Address for Receptor	Receptor Description and Location Details	Latitude / Longitude *(Decimal Degrees)*	Source Status & Use	Connection to Charlotte Water	Purchased by CPC	Distance from source (ft)	Up- or Down-Gradient (if Known)
13712_HC_RD	N/A	Pegler	Both	N/A	13712 Huntersville-Concord Rd	Single-Family	35.41270, -80.81165	Inactive	Existing	No	>1500	N/A
13800_HC_RD	N/A	Marlowe	Both	N/A	13800 Huntersville-Concord Rd	Single-Family	35.41253, -80.81075	Inactive	Existing	No	<1500	N/A
13822_HC_RD	N/A	Ranson	Both	N/A	13822 Huntersville-Concord Rd	Single-Family	35.41275, -80.80974	Abandoned	Existing	Yes	<1500	N/A
13926A_HC_RD	N/A	Whitby	Own	N/A	13926 Huntersville-Concord Rd	Single-Family	35.41259, -80.80790	Abandoned	Connection added	Yes	<1500	Down
13926B_HC_RD	N/A	Whitby	Own	N/A	13900 Huntersville-Concord Rd	Single-Family	35.41259, -80.80790	Abandoned	Connection added	Yes	<1500	Down
14108_HC_RD	N/A	Skinner	Own	N/A	14108 Huntersville-Concord Rd	Single-Family	35.41336, -80.80555	Abandoned	Not Connected	Yes	<1500	Down
14130 HC RD	--	Razon	--	N/A	14130 Huntersville-Concord Rd	Single-Family	35.41326, -80.80521	--	Existing	No	<1500	Down
14335 HC RD	--	Gray	--	N/A	14335 Huntersville-Concord Rd	Single-Family	35.41456, -80.80336	--	Existing	No	<1500	Down
14401_HC_RD	N/A	Gray	Both	N/A	14401 Huntersville-Concord Rd	Single-Family	35.41682, -80.80445	Potable Use	Not Connected	No	<1500	Down
14226_HC_RD	N/A	Brown	Both	N/A	14226 Huntersville-Concord Rd	Agricultural, Commercial Production	35.41335, -80.80356	Potable Use*	Water line tapped, not connected	No	<1500	N/A
14000_LAWTHER_RD	N/A	Shinn	Both	N/A	14000 Lawther Rd	N/A	35.41185, -80.81036	Abandoned	Existing	No	<1500	N/A
13835_AC_RD	N/A	Ward	Both	N/A	13835 Asbury Chapel Rd	Single-Family	35.41056, -80.80553	Potable Use	Water line tapped, not connected	No	<1500	Down
13923_AC_RD	N/A	Bloch	Both	N/A	13923 Asbury Chapel Rd	Single-Family	35.41071, -80.80596	Abandoned	Existing	No	<1500	Down
13927 AC RD	--	Quinn	--	N/A	13927 Asbury Chapel Rd	Single-Family	35.41141, -80.80514	--	Existing	No	<1500	Down
13937 AC RD	--	Bellet	--	N/A	13937 Asbury Chapel Rd	Single-Family	35.41182, -80.80557	--	Connection added	No	<1500	Down
13945_AC_RD	N/A	Parks	Own	N/A	13945 Asbury Chapel Rd	Single-Family	35.41250, -80.80514	Abandoned	Connection added	Yes	<1500	Down
14015_AC_RD	N/A	Walker	Both	N/A	14015 Asbury Chapel Rd	Single-Family	35.41266, -80.80542	Abandoned	Connection added	Yes	<1500	Down
13831_SIMS	N/A	Kern	Both	N/A	13831 Sims Rd	Single-Family	35.41107, -80.80028	Potable Use	Not Connected	No	>1500	Down
13901_SIMS	N/A	Fehr	Both	N/A	13901 Sims Rd	Single-Family	35.41242, -80.80050	Potable Use	Not Connected	No	>1500	Down
13920_SIMS	N/A	Weaver	Both	N/A	13920 Sims Rd	Single-Family	35.41210, -80.79931	Potable Use	Not Connected	No	>1500	Down
14024_SIMS	N/A	Woods	Both	N/A	14024 Sims Rd	Single-Family	35.41271, -80.79929	Potable Use	Not Connected	No	>1500	Down
North Prong, Clark Creek	Creek	Mecklenburg County	N/A	N/A	N/A	N/A	35.42002, -80.79769	Creek	N/A	No	>1500	Down
South Prong, Clark Creek	Creek	Brown	N/A	N/A	N/A	N/A	35.40596, -80.80154	Creek	N/A	No	>1500	Down
Seep (Brown Field)	Seep	Brown	N/A	N/A	N/A	N/A	35.41174, -80.80334	Seep	N/A	No	>1500	Down
Recharge for Deep Aquifers	N/A	N/A	N/A	N/A	N/A	N/A	35.41263, -80.80557	Recharge Zone	N/A	No	<1500	Up

Notes:

N/A = Data not available

CPC = Colonial Pipeline Company

Exisiting = A connection existed prior to release associated with Incident Number 95827

* = Two wells were located on this property. The potable well is still in use; a disused well was abandoned.

-- = No well exists on this property

Table 9
Summary of System One Operating Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
12/15/2020	System operational							
To								
12/23/2020								
12/24/2020	System offline for monthly gauging							
12/25/2020								
12/26/2020								
12/27/2020	System operational							
12/28/2020	System offline for system modification (piping modifications)							
12/29/2020								
12/30/2020								
12/31/2020	System operational							
To								
1/19/2021								
1/20/2021	System offline for system modification							
1/21/2021	System operational							
To								
1/28/2021								
1/29/2021	System offline for system modification							
1/30/2021								
1/31/2021	System offline for monthly gauging							
2/1/2021								
2/2/2021								
2/3/2021	System operational							
To								
2/8/2021								

Table 9
Summary of System One Operating Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
2/9/2021	System offline for component replacement (replace ThermOx with FlameOx)							
To								
3/20/2021								
3/21/2021	System offline for maintenance							
3/22/2021								
3/23/2021								
3/24/2021	System operational							
To								
3/30/2021								
3/31/2021	System offline for monthly gauging							
4/1/2021								
4/2/2021								
4/3/2021	System operational							
To								
4/12/2021								
4/13/2021	System offline for component replacement (replace blower)							
4/14/2021								
4/15/2021	System offline for maintenance							
4/16/2021	System operational							
To								
4/27/2021								
4/28/2021	System offline for monthly gauging							
4/29/2021								
4/30/2021								
5/1/2021	System operational							
To								
5/11/2021								

Table 9
Summary of System One Operating Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
5/12/2021	System offline for pump optimization							
5/13/2021								
5/14/2021	System operational							
To								
5/16/2021								
5/17/2021	System offline for monthly gauging							
5/18/2021								
5/19/2021	System operational							
To								
5/24/2021								
5/25/2021	System offline for monthly gauging							
5/26/2021								
5/27/2021								
5/28/2021	System operational							
To								
5/30/2021								
5/31/2021	System offline for monthly gauging							
6/1/2021								
6/2/2021	System operational							
To								
6/7/2021								
6/8/2021	System offline for pump optimization							
6/9/2021								
6/10/2021	System operational							
To								
6/14/2021								
6/15/2021	System offline 18 hours for pump optimization							

Table 9
Summary of System One Operating Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
6/15/2021	6:55	JPS	1653	1574	-	NM	45.7	25
6/15/2021	15:20	JPS	1397	1333	-	NM	45.7	25
6/15/2021	17:29	JPS	1738	1648	-	NM	45.7	35
6/16/2021	6:52	JPS	1751	1657	-	NM	45.7	35
6/16/2021	15:55	JPS	1752	1655	-	NM	45.7	35
6/17/2021	6:45	JPS	1751	1654	-	NM	45.7	35
6/17/2021	13:41	JPS	1753	1656	-	NM	47.7	35
6/17/2021	17:10	JPS	1770	1668	-	NM	47.7	35
6/18/2021	9:02	JPS	1750	1617	-	NM	47.7	35
6/18/2021	11:25	MT	1754	1656	-	NM	45.7	35
6/18/2021	15:25	MT	1751	1659	-	NM	45.7	35
6/19/2021	7:25	MT	1760	1657	-	NM	45.7	35
6/19/2021	12:39	MT	1742	1652	-	NM	45.7	35
6/19/2021	15:35	MT	1745	1651	-	NM	45.7	35
6/20/2021	9:25	KZ	1752	1655	-	NM	45.7	35
6/20/2021	15:48	KZ	1766	1664	-	NM	45.7	35
6/21/2021	8:40	BC	1751	1652	-	NM	NM	35
6/21/2021	16:42	BC	1739	1651	-	NM	45.7	35
6/22/2021	7:30	BC	1756	1654	-	NM	45.7	35
6/22/2021	17:35	BC	1749	1650	-	NM	45.7	35
6/23/2021	7:36	BC	1685	1652	-	NM	45.7	35
6/23/2021	16:27	BC	1756	1656	-	NM	45.7	35
6/24/2021	8:34	BC	1756	1652	-	NM	45.7	35
6/24/2021	14:22	BC	1756	1657	-	NM	45.7	35
6/24/2021	16:45	BC	1757	1652	-	NM	45.7	35

Table 9
Summary of System One Operating Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
6/25/2021	9:30	BC	1733	1643	-	NM	45.7	35
6/25/2021	12:54	BC	1754	1653	-	NM	45.7	35
6/25/2021	15:50	BC	1755	1653	-	NM	45.7	35
6/25/2021	16:54	BC	1760	1656	-	NM	45.7	35
6/26/2021	8:01	BC	1757	1656	-	NM	45.7	35
6/26/2021	13:12	BC	1751	1651	-	NM	45.7	35
6/26/2021	16:27	BC	1759	1654	-	NM	45.7	35
6/27/2021	10:47	BC	1752	1653	-	NM	45.7	34
6/27/2021	16:00	BC	1737	1644	-	NM	45.7	34
6/28/2021	9:21	BC	1754	1650	-	NM	45.7	35
6/28/2021	16:00	BC	1412	1356	-	NM	45.7	35
6/28/2021	17:35	BC	1409	1380	-	NM	45.7	35
6/29/2021	11:16	BC	1441	1399	-	NM	45.7	35
6/29/2021	16:15	BC	1388	1285	-	NM	45.7	35
6/30/2021	8:52	BC	1523	1475	-	NM	45.7	35
7/3/2021	15:05	MT	1563	1510	-	NM	45.7	30
7/4/2021	8:50	KZ	1707	1615	-	NM	45.7	34
7/4/2021	15:40	KZ	1654	1566	-	NM	45.7	34
7/5/2021	8:25	KZ	1622	1543	-	NM	45.7	33
7/6/2021	11:05	JDS	1586	1524	-	40.0	82.2	34
7/6/2021	13:01	JDS	1646	1565	-	40.0	81.4	34
7/6/2021	16:00	JDS	1757	1651	-	70.1	81.0	34
7/7/2021	6:17	JPS	1748	16565	-	60.1	81.0	30
7/7/2021	8:43	JDS	1749	1653	-	57.1	82.6	30
7/7/2021	13:39	JDS	1757	1652	-	70.7	81.1	30

Table 9
Summary of System One Operating Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
7/8/2021	6:53	BC	1760	1656	-	59.8	82.2	30
7/8/2021	8:05	JDS	1753	1654	-	61.8	82.3	30
7/8/2021	11:52	JDS	1746	1650	-	56.6	82.3	30
7/8/2021	16:13	JDS	1749	1649	-	57.0	81.1	30
7/9/2021	8:10	BC	1755	1650	-	61.4	82.6	30
7/9/2021	11:58	JDS	1761	1654	-	71.5	81.2	30
7/9/2021	15:47	JDS	1752	1650	-	63.9	82.4	31
7/10/2021	System offline 4.5 hours for O&M							
7/10/2021	12:48	BC	1771	1670	-	59.4	80.8	30
7/10/2021	14:56	BC	1746	1654	-	55.8	80.9	30
7/10/2021	16:01	JDS	1742	1645	-	51.2	80.2	30
7/11/2021	6:48	BC	1749	1654	-	54.1	82.2	30
7/11/2021	15:30	MT	1757	1650	-	62.5	79.9	30
7/12/2021	8:48	JDS	1744	1650	-	52.7	82.5	30
7/12/2021	12:31	MT	1744	1652	-	59.6	81.4	30
7/12/2021	15:15	MT	1758	1662	-	53.2	81.0	30
7/12/2021	16:39	JDS	1744	1644	-	56.4	80.8	30
7/13/2021	9:12	BC	1750	1655	-	61.2	81.0	30
7/13/2021	15:57	JDS	1401	1336	-	40.0	76.8	0
7/13/2021	16:02	BC	1403	1342	-	40.0	76.8	0
7/14/2021	9:14	BC	1404	1338	-	40.0	78.7	0
7/14/2021	13:36	BC	1400	1339	-	40.0	78.7	0
7/14/2021	17:13	BC	1407	1341	-	40.0	78.7	0
7/15/2021	10:55	BC	1693	1613	-	40.0	80.8	18
7/15/2021	16:35	BC	1713	1620	-	70.4	79.5	18
7/16/2021	7:52	BC	1624	1554	-	40.0	81.8	25
7/16/2021	10:48	BC	1754	1664	-	60.1	83.3	40
7/16/2021	16:50	BC	1749	1652	-	75.8	82.8	25

Table 9
Summary of System One Operating Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
7/17/2021	10:58	KZ	1756	1660	-	56.3	81.6	25
7/17/2021	15:20	KZ	1754	1652	-	67.9	80.3	25
7/18/2021	9:35	KZ	1741	1649	-	47.9	82.3	25
7/18/2021	13:35	KZ	1748	1653	-	53.2	81.8	25
7/18/2021	16:45	KZ	1747	1652	-	60.3	80.9	25
7/19/2021	7:31	BC	1748	1656	-	55.4	81.0	25
7/19/2021	11:16	BC	1768	1677	-	84.4	81.1	25
7/20/2021	8:15	JDS	1761	1657	-	64.2	83.2	25
7/20/2021	12:31	JDS	1739	1651	-	83.3	83.0	30
7/20/2021	16:48	JDS	1759	1656	-	70.0	83.0	31
7/20/2021	System offline for O&M							
7/21/2021	10:52	JDS	1761	1656	-	71.2	83.5	30
7/21/2021	10:58	BC	1757	1656	-	70.0	83.2	35
7/21/2021	14:04	BC	1743	1652	-	80.4	82.2	30
7/21/2021	16:34	BC	1742	1651	-	54.2	82.1	30
7/22/2021	8:29	JDS	1748	1651	-	72.0	85.0	30
7/22/2021	12:19	BC	1773	1668	-	68.8	84.0	30
7/22/2021	16:46	BC	1759	1660	-	70.8	83.1	30
7/23/2021	7:43	BC	1746	1652	-	61.1	85.4	30
7/23/2021	11:44	JDS	1754	1657	-	59.6	84.1	29
7/23/2021	17:13	JDS	1759	1655	-	65.1	83.3	30
7/24/2021	7:48	JDS	1750	1655	-	62.9	85.1	32
7/24/2021	13:03	JDS	1745	1655	-	84.0	83.9	33
7/24/2021	16:02	CDR	1750	1655	-	82.6	84.9	30

Table 9
Summary of System One Operating Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
7/25/2021	8:08	CDR	1749	1654	-	47.3	84.9	30
7/25/2021	13:15	KZ	1696	1608	-	40.0	83.7	30
7/25/2021	15:45	-	1701	1613	-	40.0	83.3	30
7/26/2021	7:59	BC	0:00	1656	-	75.8	83.2	30
7/26/2021	11:36	JDS	1392	1327	-	40.0	80.6	0
7/26/2021	16:22	JDS	1402	1338	-	40.0	80.2	0
7/27/2021	6:53	JDS	1401	1338	-	40.0	81.8	0
7/27/2021	12:10	JDS	1403	1342	-	40.0	80.9	0
7/27/2021	17:10	BC	1397	1334	-	40.0	80.8	0
7/28/2021	11:23	BC	1738	1647	-	76.5	83.7	30
7/28/2021	14:00	BC	1747	1655	-	58.8	82.6	30
7/28/2021	16:25	JDS	1748	1650	-	40.0	82.5	31
7/29/2021	8:05	BC	1582	1534	-	40.0	84.3	25
7/29/2021	11:42	JDS	1734	1638	-	40.0	83.4	29
7/29/2021	16:56	BC	1741	1647	-	40.0	83.7	29
7/30/2021	7:38	BC	1669	1587	-	40.0	83.0	26
7/30/2021	12:11	BC	1691	1603	-	40.0	83.9	28
7/30/2021	16:23	JDS	1748	1656	-	52.2	83.0	30
7/31/2021	7:40	JDS	1750	1653	-	51.2	85.6	30
7/31/2021	11:48	JDS	1727	1639	-	40.0	84.5	30
7/31/2021	15:55	CDR	1742	1645	-	40.0	83.5	30
8/1/2021	7:25	CDR	1748	1653	-	42.8	55.2	30
8/1/2021	13:20	KZ	1730	1633	-	40.0	83.2	30
8/1/2021	17:00	KZ	1729	1637	-	40.0	84.1	30
8/2/2021	7:44	JDS	1716	1629	-	40.0	86.5	30
8/2/2021	12:07	JDS	1745	1656	-	63.6	85.7	30
8/2/2021	17:08	JDS	1749	1651	-	64.4	85.0	30

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
8/3/2021	7:53	BC	1754	1656	5.0	63.7	87.7	30
8/3/2021	13:09	JDS	1746	1658	5.0	58.2	87.9	30
8/3/2021	16:52	JDS	1744	1650	5.0	47.7	86.1	30
8/4/2021	7:38	JDS	1751	1659	5.0	55.8	88.1	30
8/4/2021	12:29	JDS	1747	1656	5.0	46.8	82.1	30
8/4/2021	16:14	BC	1747	1554	5.0	57.2	86.5	30
8/5/2021	7:38	BC	1739	1646	5.0	52.7	88.2	30
8/5/2021	12:13	BC	1747	1654	5.0	68.6	86.9	30
8/5/2021	12:15	System offline for component replacement (pressure relief valve)						
8/5/2021	16:00	BC	1777	1694	5.0	96.9	61.7	30
8/5/2021	17:05	BC	1742	1651	5.0	77.0	60.1	25
8/6/2021	9:05	BC	1778	1688	5.0	88.1	63.3	30
8/6/2021	12:55	BC	1746	1657	5.0	95.4	61.8	30
8/6/2021	15:27	CDR	1741	1656	5.0	89.7	61.9	30
8/7/2021	7:36	JDS	1747	1646	5.0	89.1	63.9	30
8/7/2021	11:40	JDS	1743	1656	5.0	90.9	63.4	31
8/7/2021	15:35	CDR	1844	1747	5.0	100.0	62.9	35
8/8/2021	8:42	KZ	1790	1698	5.0	100.0	64.4	35
8/8/2021	12:36	CDR	1842	1741	5.0	100.0	63.3	35
8/8/2021	15:27	CDR	1833	1730	5.0	100.0	62.6	35
8/9/2021	6:45	MT	System offline for O&M					
8/12/2021	14:22	BC	1772	1679	5.0	74.1	66.7	30
8/12/2021	15:16	BC	1722	1624	5.0	82.4	65.9	25
8/12/2021	17:00	BC	1751	1657	5.0	66.1	65.5	25

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
8/13/2021	8:51	BC	1750	1656	5.0	72.5	67.3	25
8/13/2021	12:50	JDS	1741	1644	5.0	65.0	66.3	30
8/13/2021	16:32	JDS	1741	1654	5.0	95.2	62.3	30
8/14/2021	8:55	JPS	1749	1647	5.0	58.9	66.9	25
8/14/2021	12:16	CA	1745	1649	5.0	69.8	65.8	25
8/15/2021	7:32	KZ	1750	1656	5.0	69.4	67.8	25
8/15/2021	12:22	KZ	1764	1667	5.0	62.2	66.6	25
8/15/2021	15:53	KZ	1763	1669	5.0	77.6	66.3	25
8/16/2021	7:38	JOS	1749	1656	5.0	77.9	67.7	30
8/16/2021	11:53	JOS	1750	1657	5.0	70.3	67.1	30
8/16/2021	15:50	JOS	1741	1646	5.0	87.3	67.3	25
8/17/2021	7:34	JOS	1743	1651	5.0	80.3	68.1	25
8/17/2021	12:00	JOS	1575	1509	5.0	40.0	65.9	20
8/17/2021	17:11	JOS	1750	1653	5.0	73.9	66.4	25
8/18/2021	7:49	JOS	1746	1655	5.0	78.4	68.0	25
8/18/2021	11:27	JOS	1743	1650	5.0	81.1	67.4	25
8/18/2021	16:17	JOS	1738	1650	5.0	89.7	66.7	25
8/19/2021	7:55	BC	1740	1651	5.0	82.3	68.1	26
8/19/2021	13:01	JOS	1742	1653	5.0	89.8	66.6	25
8/19/2021	17:12	JOS	1741	1646	5.0	81.5	66.2	25
8/20/2021	8:34	JOS	1745	1653	5.0	69.7	68.1	25
8/20/2021	11:21	JOS	1749	1656	5.0	79.2	67.8	26
8/20/2021	System offline for O&M							
8/20/2021	16:42	JOS	1780	1700	5.0	40.0	65.3	22

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
8/21/2021	8:18	BC	1754	1655	5.0	45.6	68.0	22
8/21/2021	13:18	JOS	1754	1665	5.0	88.2	67.0	27
8/21/2021	15:27	JOS	1752	1658	5.0	76.2	66.6	27
8/22/2021	7:55	KZ	1736	1647	5.0	82.4	68.4	27
8/22/2021	12:55	KZ	1739	1652	5.0	92.4	66.9	27
8/22/2021	16:13	KZ	1735	1652	5.0	94.9	66.5	27
8/22/2021	17:05	KZ	1728	1632	5.0	79.2	65.9	25
8/23/2021	7:38	BC	1744	1654	5.0	85.0	67.9	25
8/23/2021	12:41	BC	1742	1651	5.0	71.5	66.2	25
8/23/2021	16:51	JDS	1748	1654	5.0	69.1	66.4	25
8/24/2021	7:26	BC	1796	1652	5.0	76.8	68.4	26
8/24/2021	12:25	JDS	1745	1652	5.0	79.9	67.4	26
8/24/2021	15:41	JDS	1743	1648	5.0	84.1	66.6	26
8/25/2021	7:33	BC	1736	1651	5.0	87.1	69.1	26
8/25/2021	12:17	BC	1556	1482	5.0	40.0	64.6	14
8/25/2021	16:09	BC	1399	1333	5.0	40.0	62.1	0
8/26/2021	7:45	BC	1408	1342	5.0	40.0	64.4	0
8/26/2021	15:30	System Restart						
8/26/2021	17:08	BC	1801	1711	5.0	64.3	67.8	26
8/26/2021	17:12	BC	1786	1679	5.0	42.1	67.8	20
8/27/2021	7:34	BC	1847	1747	5.0	55.8	70.1	28
8/27/2021	13:56	JDS	1836	1744	5.0	100.0	69.1	32
8/27/2021	16:23	JDS	1739	1640	5.0	61.8	67.5	22
8/28/2021	6:50	MT	1749	1655	5.0	65.9	68.6	20
8/28/2021	11:20	MT	1747	1653	5.0	63.1	67.7	23
8/28/2021	15:23	MT	1753	1657	5.0	59.9	68.9	23
8/29/2021	7:45	KZ	1744	1649	5.0	55.7	69.0	23
8/29/2021	12:28	KZ	1755	1659	5.0	65.4	67.2	23

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
8/29/2021	15:40	KZ	1743	1652	5.0	69.7	66.4	23
8/30/2021	7:45	JDS	1749	1656	5.0	66.0	69.8	23
8/30/2021	11:40	MT	1740	1654	5.0	87.5	68.4	28
8/30/2021	16:34	JDS	1748	1654	5.0	82.1	67.0	25
8/31/2021	8:31	JDS	1745	1652	5.0	72.3	69.3	25
8/31/2021	13:04	JDS	1753	1660	5.0	74.2	67.9	26
8/31/2021	15:24	System Offline (pump tie in)						
8/31/2021	16:47	JDS	1753	1670	5.0	40.0	66.9	24
9/1/2021	7:40	BC	1746	1650	5.0	68.5	68.3	24
9/1/2021	12:38	JDS	1754	1655	5.0	55.6	68.1	25
9/1/2021	15:56	JDS	1778	1672	5.0	68.1	67.4	25
9/2/2021	7:43	BC	1745	1650	5.0	48.5	69.8	24
9/2/2021	13:01	JDS	1754	1661	5.0	69.2	68.8	25
9/2/2021	15:56	JDS	1745	1651	5.0	69.2	69.6	30
9/3/2021	6:58	JDS	1758	1663	5.0	73.2	70.3	22
9/3/2021	10:32	System Offline (Generator Service)						
9/3/2021	11:36	JDS	1799	1714	5.0	40.0	69.6	25
9/4/2021	8:42	CA	1733	1643	5.0	62.1	70.2	24
9/4/2021	13:14	CA	1751	1658	5.0	71.8	68.7	24
9/4/2021	16:00	CA	1761	1663	5.0	65.8	68.4	24
9/5/2021	7:48	KZ	1738	1645	5.0	43.2	70.0	24
9/5/2021	12:25	KZ	1747	1656	5.0	71.6	68.5	25
9/5/2021	16:25	KZ	1742	1654	5.0	86.8	67.8	25
9/6/2021	7:55	KZ	1739	1656	5.0	90.6	69.7	25
9/6/2021	13:10	KZ	1744	1651	5.0	62.2	68.8	25
9/6/2021	15:24	KZ	1748	1655	5.0	68.7	68.4	24
9/7/2021	7:18	BC	1748	1657	5.0	68.0	70.5	24
9/7/2021	13:07	BC	1745	1656	5.0	70.6	68.5	24

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
9/7/2021	16:59	JDS	1747	1652	5.0	67.8	68.4	24
9/8/2021	7:00	JDS	1746	1652	5.0	74.0	69.7	25
9/8/2021	12:22	BC	1747	1651	5.0	58.1	68.9	24
9/8/2021	16:16	BC	1745	1654	5.0	76.4	68.4	24
9/9/2021	7:52	BC	1737	1645	5.0	73.2	69.5	25
9/9/2021	12:01	BC	1755	1661	5.0	74.8	69.2	25
9/9/2021	15:48	JDS	1739	1650	5.0	73.3	68.9	24
9/10/2021	11:00	System Offline (pump tie in)						
9/10/2021	12:48	BC	1765	1677	5.0	51.4	69.9	24
9/10/2021	16:44	BC	1744	1648	5.0	65.1	68.8	24
9/11/2021	7:31	JDS	1753	1660	5.0	58.6	71.4	24
9/11/2021	12:04	JDS	1749	1657	5.0	65.0	69.8	24
9/11/2021	16:04	JDS	1744	1650	5.0	66.7	69.4	24
9/12/2021	8:00	KZ	1743	1647	5.0	53.7	71.5	25
9/12/2021	12:00	KZ	1748	1653	5.0	54.4	69.9	25
9/12/2021	15:45	KZ	1747	1653	5.0	74.9	68.8	25
9/13/2021	7:38	BC	1742	1650	5.0	67.0	71.3	24
9/13/2021	13:35	BC	1751	1646	5.0	70.3	69.2	24
9/13/2021	15:57	JOS	1748	1653	5.0	87.9	68.7	24
9/14/2021	7:30	JOS	1743	1653	5.0	82.4	70.8	24
9/14/2021	System Offline for O&M							
9/14/2021	17:38	JOS	1755	1671	5.0	40.0	67.9	24
9/15/2021	System Offline SVE Blower Fault							
9/15/2021	8:44	BC	1557	1496	5.0	40.0	67.2	20
9/15/2021	12:25	BC	1392	1322	5.0	40.0	62.7	0
9/15/2021	15:49	JOS	1401	1344	5.0	40.0	62.7	1
9/15/2021	22:00	System Fault						
9/16/2021	7:30	System Start Up						

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
9/16/2021	11:10	System Offline for Generator Servicing						
9/16/2021	14:10	System Start Up						
9/16/2021	14:21	System Fault						
9/16/2021	17:30	System Start Up						
9/16/2021	17:50	BC	1692	1627	5.0	40.0	66.9	24
9/16/2021	18:44	System Fault						
9/17/2021	13:55	System Start Up						
9/17/2021	17:10	JDS	1687	1603	5.0	40.0	67.6	22
9/18/2021	6:55	JDS	1695	1597	5.0	40.0	39.3	24
9/18/2021	12:35	JDS	1777	1680	5.0	55.8	70.1	25
9/18/2021	16:07	JDS	1744	1654	5.0	51.0	69.2	26
9/19/2021	7:45	KZ	1746	1657	5.0	45.0	71.2	25
9/19/2021	12:59	KZ	1753	1656	5.0	48.0	69.8	25
9/19/2021	16:08	KZ	1745	1651	5.0	46.5	69.2	25
9/20/2021	7:57	BC	1748	1655	5.0	55.6	71.2	25
9/20/2021	12:47	JDS	1744	1654	5.0	48.8	70.5	26
9/20/2021	16:14	JDS	1746	1656	5.0	50.2	70.2	26
9/21/2021	8:20	BC	1744	1653	5.0	51.6	71.8	25
9/21/2021	12:53	JDS	1747	1655	5.0	51.4	71.6	26
9/21/2021	16:41	MT	1742	1654	5.0	51.5	71.7	26
9/22/2021	7:25	BC	1743	1659	5.0	48.3	71.1	26
9/22/2021	14:19	BC	1398	1338	5.0	40.0	66.1	4
9/22/2021	15:51	JDS	1405	1347	5.0	40.0	65.7	4
9/23/2021	7:31	BC	1402	1342	5.0	40.0	68.2	4
9/23/2021	13:05	BC	1402	1340	5.0	40.0	68.3	4
9/23/2021	14:00	Change Out Generator						
9/23/2021	16:50	JDS	1745	1652	5.0	56.0	70.7	25
9/24/2021	8:03	BC	1746	1653	5.0	45.8	73.1	25

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
9/24/2021	11:39	BC	1746	1651	5.0	54.4	72.8	28
9/24/2021	16:52	JSH	1744	1648	5.0	48.7	71.7	28
9/25/2021	8:45	JDS	177	1653	5.0	51.9	73.8	28
9/25/2021	11:54	JDS	1741	1653	5.0	58.1	72.5	28
9/25/2021	15:38	BC	1732	1651	5.0	64.1	71.7	28
9/26/2021	8:05	KZ	1734	1654	5.0	67.7	74.1	30
9/26/2021	12:20	KZ	1738	1655	5.0	61.0	72.2	30
9/26/2021	16:40	KZ	1732	1650	5.0	63.2	71.6	30
9/27/2021	8:16	BC	1735	1645	5.0	50.8	74.0	30
9/27/2021	12:50	BC	1746	1652	5.0	56.0	70.9	30
9/27/2021	16:15	BC	1739	1654	5.0	60.5	70.9	30
9/28/2021	8:05	BC	1739	1644	5.0	49.5	73.0	30
9/28/2021	13:59	BC	1750	1658	5.0	51.1	70.6	30
9/28/2021	16:48	BC	1745	1652	5.0	49.8	70.6	30
9/29/2021	7:32	JDS	1747	1654	5.0	51.7	73.1	29
9/29/2021	12:10	MT	1741	1654	5.0	57.7	71.5	28
9/29/2021	16:13	JDS	1745	1653	5.0	54.6	70.7	30
9/30/2021	7:34	JDS	1742	1653	5.0	55.4	73.6	30
9/30/2021	11:57	JDS	1731	1646	5.0	59.4	73.3	32
9/30/2021	15:58	JDS	1741	1653	5.0	66.8	72.6	34
10/1/2021	8:58	JDS	1739	1655	5.0	58.7	74.7	34
10/1/2021	17:03	BC	1736	1651	5.0	70.3	73.1	34
10/2/2021	7:25	MT	1727	1654	5.0	64.1	75.1	33
10/2/2021	11:09	MT	1739	1655	5.0	69.4	73.9	33
10/2/2021	15:19	MT	1742	1656	5.0	75.3	72.6	33
10/3/2021	7:42	JDS	1739	1653	5.0	67.4	74.6	33
10/3/2021	12:33	JDS	1738	1655	5.0	66.1	73.3	34
10/3/2021	15:22	JDS	1739	1649	5.0	81.9	73.1	35

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10/3/2021	15:32	JDS	1466	1338	5.0	35.0	61.4	115
10/4/2021	8:00	JDS	1734	1649	5.0	78.5	74.6	38
10/4/2021	12:03	Jsh	1740	1654	5.0	69.8	74.2	38
10/4/2021	16:18	Jsh	1743	1656	5.0	76.8	73.9	38
10/5/2021	7:53	Jsh	1731	1647	5.0	74.0	75.5	38
10/5/2021	12:30	Jsh	1739	1657	5.0	65.0	74.4	38
10/5/2021	17:12	MT	1738	1648	5.0	71.6	73.9	35
10/6/2021	7:43	Jsh	1741	1658	5.0	76.1	75.4	38
10/6/2021	13:07	Jsh	1739	1654	5.0	79.2	74.5	38
10/6/2021	16:23	Jsh	1741	1653	5.0	76.1	74.0	36
10/7/2021	7:40	Jsh	1737	1655	5.0	69.0	75.0	37
10/7/2021	11:20	Jsh	1735	1653	5.0	68.1	75.1	37
10/7/2021	16:58	MT	1736	1653	5.0	70.3	73.5	34
10/8/2021	7:30	MT	1738	1653	5.0	5.0	75.8	75.2
10/8/2021	11:53	MT	1740	1655	5.0	72.1	73.1	34
10/8/2021	15:49	MT	1740	1656	5.0	72.4	71.3	35
10/9/2021	7:44	Jsh	1744	1654	5.0	54.4	73.2	28
10/9/2021	11:35	Jsh	1744	1656	5.0	66.9	74.9	32
10/9/2021	16:16	CDR	1738	1655	5.0	74.1	72.6	33
10/10/2021	8:21	KZ	1735	1651	5.0	63.8	75.4	34
10/10/2021	12:20	KZ	1737	1657	5.0	64.3	74.1	33
10/10/2021	15:12	KZ	1733	1649	5.0	67.3	73.4	34
10/11/2021	7:38	BC	1733	1651	5.0	64.4	75.1	34
10/11/2021	11:50	Power Failure						
10/11/2021	17:09	JDS	1740	1668	5.0	58.6	66.6	32
10/12/2021	8:07	JDS	1788	1714	5.0	40.0	69.8	32
10/12/2021	12:44	BC	1740	1657	5.0	64.1	68.0	32
10/12/2021	16:28	JDS	1736	1651	5.0	66.0	67.9	30

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
10/13/2021	7:53	BC	1738	1652	5.0	65.6	70.1	32
10/13/2021	11:48	BC	1738	1653	5.0	65.4	68.6	32
10/13/2021	13:17	JDS	1739	1652	5.0	68.7	68.1	32
10/14/2021	11:34	JDS	1757	1674	5.0	53.7	66.9	28
10/14/2021	16:58	BC	1750	1655	5.0	44.7	68.9	25
10/15/2021	7:50	BC	1752	1656	5.0	46.3	71.0	25
10/15/2021	13:13	Jsh	1747	1652	5.0	48.5	68.8	26
10/15/2021	16:51	BC	1752	1653	5.0	45.7	68.7	25
10/16/2021	7:53	BC	1751	1652	5.0	47.9	69.9	28
10/16/2021	12:24	BC	1736	1655	5.0	66.8	70.3	30
10/16/2021	15:44	BC	1741	1655	5.0	57.1	71.0	30
10/17/2021	9:06	KZ	1746	1657	5.0	54.0	73.7	30
10/17/2021	12:18	KZ	1742	1652	5.0	50.7	72.7	30
10/17/2021	16:10	KZ	1738	1648	5.0	53.5	71.9	31
10/18/2021	8:23	BC	1785	1709	5.0	51.8	76.6	34
10/18/2021	12:17	BC	1741	1655	5.0	76.8	73.3	36
10/18/2021	16:26	BC	1762	1676	5.0	83.6	73.0	38
10/19/2021	7:40	BC	1741	1657	5.0	78.7	75.1	36
10/19/2021	13:25	JDS	1742	1652	5.0	77.7	71.2	38
10/19/2021	15:27	Jsh	1743	1656	5.0	73.6	72.8	38
10/20/2021	11:38	JDS	1737	1654	5.0	66.7	74.0	38
10/20/2021	15:31	JDS	1746	1672	5.0	60.1	72.3	32
10/21/2021	7:48	JDS	1739	1655	5.0	74.2	75.3	38
10/21/2021	12:56	Jsh	1393	1395	5.0	40.0	67.1	18
10/21/2021	16:15	JDS	1738	1650	5.0	55.2	71.3	30
10/22/2021	8:38	JDS	1739	1657	5.0	62.5	73.2	32
10/22/2021	11:13	System Offline (propane tank relocation)						
10/22/2021	16:43	JDS	1735	1655	5.0	67.1	72.7	38

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
10/23/2021	8:14	MT	1736	1656	5.0	62.0	74.8	36
10/23/2021	11:40	MT	1738	1658	5.0	66.4	73.8	36
10/23/2021	15:24	MT	1736	1656	5.0	66.1	72.9	36
10/24/2021	8:04	KZ	1738	1657	5.0	64.1	75.2	36
10/24/2021	12:35	KZ	1734	1651	5.0	65.0	73.5	36
10/24/2021	15:41	KZ	1738	1652	5.0	66.3	72.8	36
10/25/2021	8:08	JDS	1752	1672	5.0	40.0	72.5	32
10/25/2021	12:50	Jsh	1744	1656	5.0	56.6	70.8	36
10/25/2021	16:37	JDS	1747	1652	5.0	52.1	70.6	32
10/26/2021	8:05	JDS	1741	1649	5.0	70.0	74.5	37
10/26/2021	13:31	Jsh	1395	1334	5.0	40.0	66.3	8
10/26/2021	16:09	JDS	1403	1345	5.0	40.0	66.3	4
10/27/2021	7:28	MT	1402	1345	5.0	40.0	68.3	4
10/27/2021	12:24	BC	1399	1338	5.0	40.0	67.2	4
10/27/2021	17:03	JDS	1400	1339	5.0	40.0	66.9	4
10/28/2021	7:26	BC	1532	1382	5.0	30.0	66.5	116
10/28/2021	12:01	JDS	1410	1340	5.0	40.0	68.7	6
10/28/2021	15:39	MT	1738	1656	5.0	65.7	62.3	37
10/29/2021	9:31	JSH	1733	1654	5.0	62.1	74.5	40
10/29/2021	15:45	Jsh	1743	1653	5.0	82.9	74.2	38
10/30/2021	7:54	BC	1727	1645	5.0	60.4	74.7	38
10/30/2021	12:33	BC	1796	1725	5.0	48.1	73.5	38
10/30/2021	15:50	BC	1744	1650	5.0	81.6	73.5	38
10/31/2021	7:55	KZ	1735	1651	5.0	54.7	74.5	38
10/31/2021	12:40	KZ	1737	1651	5.0	61.6	73.6	38
10/31/2021	16:02	KZ	1739	1653	5.0	61.3	73.3	38
10/31/2021	23:01	System Offline (oxidizer fault)						
11/1/2021	10:40	JDS	1759	1686	5.0	72.1	76.0	38

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11/1/2021	15:31	MT	1738	1653	5.0	54.7	71.3	37
11/1/2021	16:05	JDS	1740	1656	5.0	55.4	71.2	36
11/2/2021	7:40	BC	1737	1651	5.0	58.7	72.9	36
11/2/2021	8:33	System Offline (ES&D blower maintenance)						
11/3/2021	16:04	JDS	1739	1655	5.0	55.9	71.8	34
11/4/2021	7:40	JDS	1738	1654	5.0	60.1	73.0	37
11/4/2021	12:52	JDS	1738	1656	5.0	65.1	74.1	39
11/4/2021	16:08	JDS	1738	1655	5.0	67.9	74.1	40
11/5/2021	7:36	JDS	1734	1655	5.0	63.4	79.5	42
11/5/2021	12:42	Jsh	1736	1654	5.0	68.7	78.2	42
11/6/2021	7:40	Jsh	1738	1654	5.0	56.3	79.1	42
11/6/2021	12:20	Jsh	1738	1653	5.0	67.2	78.1	42
11/6/2021	15:15	Jsh	1736	1656	5.0	68.4	77.9	42
11/7/2021	8:26	KZ	1738	1656	5.0	64.0	78.4	45
11/7/2021	13:00	KZ	1742	1655	5.0	73.9	77.5	46
11/7/2021	15:35	KZ	1740	1653	5.0	74.2	77.5	45
11/8/2021	7:42	Jsh	1736	1655	5.0	60.2	79.6	41
11/8/2021	12:32	Jsh	1727	1646	5.0	63.6	77.6	42
11/8/2021	15:51	Jsh	1735	7651	5.0	74.3	78.2	41
11/9/2021	7:37	Jsh	1737	1655	5.0	72.5	80.5	42
11/9/2021	11:33	JDS	1743	1655	5.0	54.2	78.3	52
11/9/2021	16:09	JDS	1729	1665	5.0	62.1	80.3	45
11/10/2021	7:56	Jsh	1744	1657	5.0	54.6	82.7	43
11/10/2021	11:54	JDS	1735	1653	5.0	59.1	80.9	44
11/10/2021	15:25	JDS	1740	1652	5.0	73.4	75.0	42
11/11/2021	7:58	Jsh	1733	1654	5.0	65.5	77.3	41
11/11/2021	12:22	Jsh	1729	1647	5.0	67.7	77.7	42
11/11/2021	15:50	JDS	1739	1655	5.0	72.4	78.9	42

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)
11/12/2021	7:38	Jsh	1735	1652	5.0	71.3	82.9	42
11/12/2021	11:13	Jsh	1712	1633	5.0	60.9	79.7	43
11/12/2021	12:30	System Offline (pump installation)						
11/13/2021	8:54	JDS	1764	1676	5.0	80.4	81.7	44
11/13/2021	13:02	JDS	1737	1653	5.0	70.3	80.4	42
11/13/2021	16:12	JDS	1740	1651	5.0	83.1	80.1	42
11/14/2021	8:45	KZ	1748	1656	5.0	84.3	80.2	46
11/14/2021	12:52	KZ	1741	1654	5.0	77.6	77.8	47
11/14/2021	16:05	KZ	1742	1653	5.0	78.3	78.2	46
11/15/2021	7:37	JDS	1740	1653	5.0	83.1	81.1	44
11/15/2021	12:16	Jsh	1744	1655	5.0	83.8	80.0	43
11/15/2021	16:07	JDS	1744	1653	5.0	87.1	80.1	43

Notes:
Deg. F - Degrees Fahrenheit
Flame Ox - Flame Oxidation Unit
O&M - Operation and Maintenance
VFD - Variable Frequency Drive
% - Percent

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
10/4/2020	Initial start-up and system tuning								
To									
10/18/2020									
10/19/2020	System Operational								
To									
12/23/2020									
12/24/2020	System Offline for O&M								
12/25/2020									
12/26/2020									
12/27/2020	System Operational								
To									
1/20/2021									
1/21/2021	System Offline for O&M								
1/22/2021									
1/23/2021	System Operational								
To									
1/30/2021									
1/31/2021	System Offline for monthly gauging								
2/1/2021									
2/2/2021									
2/3/2021	System Operational								
To									
2/22/2021									
2/23/2021	System Offline for O&M								
2/24/2021	System Operational								
To									
3/2/2021									

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
3/3/2021	System Offline for monthly gauging								
3/4/2021									
3/5/2021									
3/6/2021	System Operational								
To									
3/26/2021									
3/27/2021	System Offline for component replacement (Catalytic Oxidizer with FlameOx)								
To									
5/11/2021									
5/12/2021	System Operational								
5/13/2021									
5/14/2021	System Offline 24 hours for pump optimization								
5/15/2021									
5/16/2021	System Operational								
To									
5/24/2021									
5/25/2021	System Offline for monthly gauging								
5/26/2021									
5/27/2021									
5/28/2021	System Operational								
To									
6/7/2021									
6/8/2021	System Offline 32 hours for pump optimization								
6/9/2021									
6/10/2021	System Operational								
To									
6/14/2021									

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6/15/2021	System Offline 17 hours for pump optimization and piping modifications								
6/15/2021	6:50	JPS	1524	1383	-	NM	48.3	-	6
6/15/2021	System Offline 1.5 hours for O&M								
6/15/2021	16:20	JPS	1406	1310	-	NM	NM	-	5.5
6/15/2021	16:28	JPS	1410	1317	-	NM	57.9	-	6.5
6/16/2021	6:45	JPS	1395	1304	-	NM	58.8	-	6.5
6/16/2021	13:20	JPS	1395	1312	-	NM	58.8	-	6.5
6/17/2021	7:55	JPS	1400	1303	-	NM	59.0	-	7
6/17/2021	13:55	JPS	1397	1300	-	NM	59.0	-	7
6/17/2021	17:21	JPS	1393	1303	-	NM	59.0	-	7
6/18/2021	8:52	JPS	1400	1307	-	NM	71.0	-	8.5
6/18/2021	11:00	MT	1395	1308	-	NM	68.8	-	8.5
6/18/2021	15:15	MT	1393	1301	-	NM	69.8	-	8.5
6/19/2021	7:05	MT	1401	1306	-	NM	70.5	-	8.8
6/19/2021	13:00	MT	1393	1302	-	NM	69.9	-	8.8
6/19/2021	15:30	MT	1398	1309	-	NM	69.1	-	8.5
6/20/2021	10:10	KZ	1393	1300	-	NM	70.7	-	9
6/20/2021	16:48	KZ	1397	1304	-	NM	70.1	-	9
6/20/2021	System Offline 4.25 hours for O&M								
6/21/2021	16:00	BC	1480	1616	-	NM	65.8	-	8.5
6/21/2021	System Offline 0.5 hour for O&M								
6/21/2021	18:40	JPS	1424	1345	-	NM	65.8	-	8
6/22/2021	9:00	BC	1651	1518	-	NM	65.9	-	8
6/23/2021	12:30	BC	1842	1640	-	NM	65.8	-	7
6/23/2021	16:45	BC	1691	1516	-	NM	65.9	-	7
6/23/2021	System Offline 1.25 hours for O&M								
6/23/2021	19:25	JPS	1700	1586	-	NM	27.8	-	7.5

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6/24/2021	8:24	BC	1747	1581	-	NM	65.9	-	7
6/24/2021	17:20	BC	1683	1542	-	NM	65.8	-	7
6/25/2021	9:40	BC	1638	1503	-	NM	65.8	-	7
6/25/2021	13:15	BC	1419	1330	-	NM	50.5	-	8
6/25/2021	15:44	BC	1564	1456	-	NM	52.0	-	6
6/25/2021	16:58	BC	1472	1364	-	NM	52.0	-	6
6/26/2021	9:45	BC	1425	1336	-	NM	52.1	-	6
6/26/2021	10:23	BC	1454	1370	-	NM	64.1	-	7.5
6/26/2021	14:32	BC	1517	1408	-	NM	65.6	-	8
6/26/2021	16:32	BC	1564	1456	-	NM	65.6	-	8
6/27/2021	10:56	BC	1515	1409	-	NM	65.5	-	8
6/27/2021	17:15	BC	1573	1460	-	NM	65.1	-	8
6/28/2021	9:48	BC	1514	1398	-	NM	65.2	-	8
6/28/2021	16:05	BC	1552	1431	-	NM	65.1	-	8
6/28/2021	17:39	BC	1567	1455	-	NM	65.2	-	8
6/29/2021	11:12	BC	1502	1396	-	NM	65.2	-	8
6/29/2021	16:32	BC	1507	1399	-	NM	65.1	-	8
6/30/2021	8:43	BC	1599	1469	-	NM	65.1	-	8
7/1/2021	17:35	BC	1558	1442	-	NM	65.1	-	8
7/2/2021	8:35	MT	1556	1445	-	NM	66.7	-	8
7/2/2021	11:46	JS	1529	1413	-	NM	67.2	-	8
7/2/2021	15:33	JS	1518	1395	-	NM	71.0	-	8
7/3/2021	8:30	MT	1571	1453	-	NM	68.9	-	8
7/3/2021	14:55	MT	1549	1421	-	NM	69.1	-	8.5
7/4/2021	8:55	KZ	1588	1469	-	NM	70.0	-	8.5
7/4/2021	16:20	KZ	1571	1453	-	NM	68.4	-	8.25

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7/6/2021	8:20	JS	1700	1526	-	NM	69.9	-	8.25
7/6/2021	8:29	CA	1697	1548	-	NM	69.8	-	8.25
7/6/2021	10:55	JDS	1692	1533	-	35	67.3	-	8.2
7/6/2021	12:34	JDS	1709	1542	-	35	66.7	-	8.1
7/6/2021	16:00	JDS	1700	1524	-	35	66.7	-	8.1
7/7/2021	8:25	JDS	1703	1527	-	35	68.1	-	8.1
7/7/2021	13:33	JDS	1709	1533	-	35	67.9	-	8.1
7/8/2021	6:47	JDS	1749	1650	-	35	70.6	-	8.8
7/8/2021	8:45	BC	1755	1563	-	35	70.7	-	8.8
7/8/2021	11:54	JDS	1708	1525	-	35	72.7	-	8.8
7/8/2021	16:06	JDS	1702	1524	-	35	67.3	-	8.1
7/9/2021	8:27	BC	1704	1516	-	35	68.8	-	8
7/9/2021	11:57	BC	1736	1539	-	35	68.9	-	8
7/9/2021	17:14	JDS	1709	1525	-	35	68.4	-	8.4
7/10/2021	6:45	JDS	1703	1526	-	35	68.8	-	8.1
7/10/2021	System Offline 4 hours for O&M								
7/10/2021	13:15	BC	1694	1539	-	35	59.8	-	7
7/10/2021	14:35	BC	1696	1519	-	35	59.8	-	8
7/10/2021	16:18	JDS	1707	1531	-	35	67.3	-	8
7/11/2021	6:45	MT	1693	1529	-	35	68.4	-	8.2
7/11/2021	15:20	MT	1703	1527	-	35	68.1	-	8
7/12/2021	7:55	JDS	1701	1515	-	35	68.6	-	8.2
7/12/2021	13:00	BC	1706	1532	-	35	68.7	-	8.2
7/12/2021	15:10	BC	1709	1529	-	35	67.0	-	8
7/12/2021	16:33	JDS	1697	1527	-	35	67.5	-	8.1
7/13/2021	9:07	BC	1705	1530	-	35	68.0	-	8.1
7/13/2021	13:50	JDS	1400	1301	-	35	26.0	-	0

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
7/14/2021	9:10	BC	1391	1288	-	35	28.4	-	0
7/14/2021	13:30	BC	1399	1299	-	35	28.4	-	0
7/14/2021	17:15	JDS	1410	1304	-	35	32.6	-	1
7/14/2021	System Offline 19 hours for O&M								
7/15/2021	13:35	BC	1710	1528	-	35	40.9	-	4
7/15/2021	System Offline 0.5 hour for O&M								
7/15/2021	16:42	BC	1617	1449	-	35	45.2	-	5
7/16/2021	8:27	BC	1524	1347	-	35	44.6	-	5
7/16/2021	13:10	BC	1618	1457	-	35	41.5	-	5
7/16/2021	16:53	BC	1553	1404	-	35	42.1	-	5
7/17/2021	11:30	KZ	1598	1443	-	35	41.4	-	5
7/17/2021	15:30	KZ	1598	1418	-	35	41.0	-	5
7/18/2021	9:28	KZ	1539	1377	-	35	43.5	-	5
7/18/2021	13:30	KZ	1451	1295	-	35	43.3	-	5
7/18/2021	13:45	KZ	1528	1389	-	35	43.3	-	6
7/18/2021	16:50	KZ	1701	1515	-	35	49.9	-	6
7/19/2021	6:57	BC	1704	1516	-	35	50.6	-	5.5
7/19/2021	11:20	BC	1522	1373	-	35	51.2	-	5.5
7/19/2021	System Offline 9.5 hours for O&M								
7/20/2021	8:27	JDS	1693	1534	-	35	51.2	-	5.5
7/20/2021	12:24	JDS	1648	1486	-	35	49.1	-	6
7/20/2021	16:40	JDS	1646	1482	-	35	49.7	-	6
7/21/2021	10:47	BC	1669	1480	-	35	49.7	-	6
7/21/2021	14:00	BC	1687	1519	-	35	49.8	-	6
7/21/2021	17:04	BC	1690	1516	-	35	49.7	-	6
7/22/2021	6:59	BC	1674	1510	-	35	50.8	-	6
7/22/2021	12:30	JDS	1689	1526	-	35	48.2	-	5.8
7/22/2021	17:05	JDS	1690	1519	-	35	48.8	-	5.8
7/23/2021	7:56	BC	1650	1484	-	35	49.6	-	5.8
7/23/2021	10:40	BC	1658	1509	-	35	48.5	-	5.8
7/23/2021	16:31	JDS	1679	1511	-	35	47.9	-	5.8

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
7/24/2021	8:04	JDS	1699	1517	-	35	48.3	-	5.8
7/24/2021	13:17	JDS	1695	1515	-	35	48.4	-	5.8
7/24/2021	16:17	CDR	1739	1546	-	35	48.0	-	5.6
7/25/2021	8:44	CDR	1701	1496	-	35	43.9	-	7.6
7/25/2021	13:20	KZ	1660	1495	-	35	48.3	-	6
7/25/2021	16:01	KZ	1694	1523	-	35	48.0	-	6
7/26/2021	7:33	BC	1663	1492	-	35	49.1	-	5.8
7/26/2021	12:55	JDS	1516	1358	-	35	49.1	-	6
7/26/2021	16:14	JDS	1478	1348	-	35	49.8	-	6
7/27/2021	6:47	JDS	1436	1309	-	35	51.6	-	6
7/27/2021	12:38	JDS	1400	1274	-	35	30.1	-	5.2
7/27/2021	System Offline 1 hour for O&M								
7/27/2021	17:03	BC	1402	1317	-	35	48.9	-	5.5
7/28/2021	7:57	JOS	1397	1321	-	65	50.0	-	5.8
7/28/2021	13:58	BC	1558	1415	-	35	47.0	-	6
7/28/2021	16:17	JOS	1582	1428	-	35	47.4	-	5.8
7/29/2021	7:50	BC	1549	1400	-	35	48.6	-	5.5
7/29/2021	11:36	JOS	1603	1436	-	35	47.5	-	5.5
7/29/2021	17:06	BC	1593	1437	-	35	47.2	-	5.5
7/30/2021	8:08	BC	1563	1410	-	35	48.1	-	5.5
7/30/2021	12:07	BC	1599	1443	-	35	48.2	-	5.5
7/30/2021	16:17	JOS	1663	1490	-	35	47.1	-	5.5
7/31/2021	7:31	JOS	1625	1472	-	35	48.7	-	5.8
7/31/2021	11:41	JOS	1598	1452	-	35	47.7	-	5.7
7/31/2021	16:01	CDR	1603	1441	-	35	47.2	-	5.7

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
8/1/2021	7:34	CDR	1576	1430	-	35	48.4	-	7.1
8/1/2021	13:40	KZ	1643	1478	-	35	46.9	-	5.5
8/1/2021	16:55	KZ	1621	1462	-	35	47.5	-	5.5
8/2/2021	8:08	JOS	1625	1770	-	35	48.8	-	5.5
8/2/2021	12:08	JOS	1617	1468	-	35	47.7	-	5.6
8/2/2021	17:01	JOS	1603	1454	-	35	47.5	-	5.5
8/3/2021	7:47	BC	1564	1420	5.0	35	48.8	-	5.5
8/3/2021	13:00	JOS	1530	1400	5.0	35	48.6	-	5.7
8/3/2021	16:45	JOS	1542	1404	5.0	35	47.8	-	6.1
8/4/2021	7:39	JOS	1531	1400	5.0	35	49.0	-	6.2
8/4/2021	12:30	JOS	1537	1401	5.0	35	48.4	-	6.15
8/4/2021	16:53	BC	1507	1357	5.0	35	47.8	83	-
8/5/2021	8:08	BC	1496	1363	5.0	35	48.8	86	-
8/5/2021	14:25	BC	1530	1382	5.0	35	47.4	86	-
8/5/2021	17:02	BC	1542	1396	5.0	35	47.2	84	-
8/6/2021	9:01	BC	1476	1351	5.0	35	48.4	85	-
8/6/2021	15:41	CDR	1395	1275	5.0	35	39.8	-	7.5
8/7/2021	7:26	JOS	1432	1323	5.0	35	41.0	59	-
8/7/2021	11:46	JOS	1451	1330	5.0	35	40.4	63	-
8/7/2021	16:22	CDR	1465	1305	5.0	35	39.9	-	6
8/8/2021	9:17	CDR	1517	1397	5.0	35	40.9	-	7.5
8/8/2021	13:10	KZ	1454	1334	5.0	35	39.6	64	4.8
8/8/2021	16:00	CDR	1465	1327	5.0	35	39.6	-	7.3
8/9/2021	9:20	JOS	1438	1313	5.0	35	40.5	66	-
8/9/2021	11:30	JOS	1435	1285	5.0	35	39.7	62	-
8/9/2021	16:08	JOS	1447	1312	5.0	35	39.9	63	-
8/10/2021	8:05	BC	1434	1313	5.0	35	46.9	73	-
8/10/2021	11:31	JOS	1466	1337	5.0	35	45.8	78	-
8/10/2021	16:15	CDR	1497	1369	5.0	35	45.5	74	-

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
8/11/2021	9:33	BC	1468	1337	5.0	35	46.3	76	-
8/11/2021	12:59	JOS	1459	1340	5.0	35	45.8	78	-
8/11/2021	17:09	JOS	1500	1367	5.0	35	45.5	78	-
8/12/2021	6:56	JOS	1452	1327	5.0	35	46.8	78	-
8/12/2021	14:40	BC	1478	1330	5.0	35	47.1	76	-
8/12/2021	17:07	BC	1481	1329	5.0	35	47.2	76	-
8/13/2021	8:37	BC	1397	1273	5.0	35	46.9	78	-
8/13/2021	12:29	JOS	1401	1283	5.0	35	46.1	78	-
8/13/2021	16:30	BC	1401	1276	5.0	35	46.2	78	-
8/14/2021	8:50	JPS	1496	1359	5.0	35	46.5	78	-
8/14/2021	12:33	CA	1501	1380	5.0	35	45.6	74	-
8/15/2021	7:50	KZ	1481	1366	5.0	35	46.9	74	-
8/15/2021	12:26	KZ	1486	1360	5.0	35	46.0	71	-
8/16/2021	7:38	BC	1492	1364	5.0	35	46.8	76	-
8/16/2021	13:35	JOS	1491	1365	5.0	35	45.9	76	-
8/16/2021	15:41	JOS	1511	1361	5.0	35	46.4	74	-
8/17/2021	7:23	JOS	1479	1361	5.0	35	46.8	78	-
8/17/2021	17:03	JOS	1487	1366	5.0	35	46.4	78	-
8/18/2021	8:04	JOS	1491	1356	5.0	35	47.9	78	-
8/18/2021	System Offline 0.5 hour for O&M								
8/18/2021	11:20	JOS	1448	1310	5.0	35	46.6	78	-
8/18/2021	16:41	BC	1478	1337	5.0	35	55.8	98	-
8/19/2021	7:48	BC	1446	1322	5.0	35	57.3	103	-
8/19/2021	12:52	JOS	1486	1357	5.0	35	55.4	100	-
8/19/2021	17:14	JOS	1476	1346	5.0	35	63.0	110	-
8/20/2021	8:25	JOS	1450	1337	5.0	35	64.5	118	-
8/20/2021	11:14	JOS	1470	1348	5.0	35	63.9	112	-
8/20/2021	17:05	BC	1490	1356	5.0	35	63.0	120	-

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
8/21/2021	8:14	BC	1503	1377	5.0	35	64.8	94	-
8/21/2021	13:23	JOS	1527	1392	5.0	35	63.0	114	-
8/21/2021	15:36	JOS	1540	1397	5.0	35	63.2	116	-
8/22/2021	8:10	KZ	1471	1346	5.0	35	64.5	116	-
8/22/2021	13:10	KZ	1506	1379	5.0	35	63.0	116	-
8/22/2021	16:52	KZ	1508	1376	5.0	35	63.0	116	-
8/23/2021	7:32	BC	1604	1446	5.0	35	64.8	116	-
8/23/2021	12:31	BC	1515	1378	5.0	35	62.7	116	-
8/23/2021	16:28	JDS	1511	1380	-	35	63.1	116	-
8/23/2021	17:28	JDS	1511	1380	-	35	63.1	116	-
8/24/2021	8:21	BC	1564	1417	5.0	35	64.7	116	-
8/24/2021	12:15	BC	1530	1386	5.0	35	62.8	118	-
8/24/2021	15:29	JDS	1511	1380	5.0	35	62.6	114	-
8/25/2021	7:57	BC	1612	1454	5.0	35	64.8	118	-
8/25/2021	12:26	BC	1391	1272	5.0	35	75.0	0	-
8/25/2021	16:18	BC	1401	1284	5.0	35	40.2	56	-
8/26/2021	7:49	BC	1399	1299	5.0	35	41.5	58	-
8/26/2021	13:25	MT	1592	1446	5.0	35	59.8	108	-
8/26/2021	17:00	BC	1563	1400	5.0	35	59.9	105	-
8/27/2021	7:44	BC	1637	1438	5.0	35	61.7	110	-
8/27/2021	14:40	JDS	1545	1402	5.0	35	60.0	114	-
8/27/2021	16:23	JDS	1539	1387	5.0	35	60.0	108	-
8/28/2021	8:24	MT	1610	1455	5.0	35	61.6	113	-
8/28/2021	11:50	MT	1580	1456	5.0	35	60.3	112	-
8/28/2021	16:09	MT	1579	1431	5.0	35	61.2	112	-
8/29/2021	8:00	KZ	1523	1379	5.0	35	61.9	108	-
8/29/2021	12:40	KZ	1534	1398	5.0	35	59.9	110	-
8/29/2021	16:19	KZ	1535	1399	5.0	35	59.6	110	-
8/30/2021	7:57	JDS	1497	1366	5.0	35	61.6	108	-
8/30/2021	11:50	MT	1503	1354	5.0	35	59.6	108	-
8/30/2021	16:34	JDS	1520	1375	5.0	35	59.9	108	-

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
8/31/2021	8:40	JDS	1486	1360	5.0	35	61.0	108	-
8/31/2021	12:53	JDS	1498	1375	5.0	35	59.5	106	-
8/31/2021	16:56	JDS	1518	1388	5.0	35	59.8	106	-
9/1/2021	7:57	BC	1484	1349	5.0	35	60.8	106	-
9/1/2021	12:30	JDS	1463	1334	5.0	35	60.3	108	-
9/1/2021	15:58	JDS	1488	1352	5.0	35	60.0	105	-
9/2/2021	7:21	BC	1476	1344	5.0	35	61.9	108	-
9/2/2021	13:05	JDS	1468	1345	5.0	35	60.2	106	-
9/2/2021	15:56	JDS	1476	1352	5.0	35	60.2	108	-
9/3/2021	7:57	JDS	1699	1538	5.0	35	62.6	110	-
9/3/2021	9:58	System Offline (generator service)							-
9/3/2021	13:04	JDS	1397	1308	5.0	65	59.7	105	-
9/4/2021	8:30	CA	1674	1515	5.0	35	59.8	110	-
9/4/2021	12:40	CA	1469	1372	5.0	35	59.8	107	-
9/4/2021	16:05	CA	1484	1360	5.0	35	59.9	108	-
9/5/2021	8:00	KZ	1630	1478	5.0	35	61.7	112	-
9/5/2021	12:35	KZ	1517	1381	5.0	35	59.6	108	-
9/5/2021	16:54	KZ	1480	1337	5.0	35	59.7	108	-
9/6/2021	8:12	KZ	1441	1327	5.0	35	60.9	110	-
9/6/2021	13:25	KZ	1450	1334	5.0	35	60.2	108	-
9/6/2021	16:01	KZ	1450	1332	5.0	35	59.8	106	-
9/7/2021	8:32	BC	1571	1425	5.0	35	61.5	110	-
9/7/2021	13:35	BC	1477	1347	5.0	35	57.8	106	-
9/7/2021	16:58	JDS	1457	1335	5.0	35	58.3	102	-
9/8/2021	6:52	JDS	1408	1296	5.0	35	59.2	103	-
9/8/2021	12:27	BC	1463	1330	5.0	35	58.4	104	-
9/8/2021	16:00	BC	1487	1346	5.0	35	58.3	102	-
9/9/2021	8:15	BC	1448	1323	5.0	35	59.3	104	-
9/9/2021	12:04	BC	1482	1356	5.0	35	57.3	104	-
9/9/2021	15:48	JDS	1472	1350	5.0	35	57.4	100	-
9/10/2021	7:24	BC	1589	1440	5.0	35	59.5	100	-

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9/10/2021	12:57	BC	1458	1331	5.0	35	57.7	104	-
9/10/2021	16:40	BC	1476	1336	5.0	35	57.6	98	-
9/11/2021	7:23	JDS	1516	1391	5.0	35	59.6	102	-
9/11/2021	11:54	JDS	1460	1334	5.0	35	57.7	102	-
9/11/2021	15:55	JDS	1456	1338	5.0	35	57.7	102	-
9/12/2021	8:10	KZ	1496	1374	5.0	35	59.6	102	-
9/12/2021	12:20	KZ	1457	1335	5.0	35	57.5	106	-
9/12/2021	16:35	KZ	1472	1347	5.0	35	57.3	99	-
9/13/2021	7:25	BC	1468	1346	5.0	35	59.1	100	-
9/13/2021	13:33	BC	1458	1328	5.0	35	57.2	105	-
9/13/2021	15:51	JDS	1465	1336	5.0	35	57.1	101	-
9/14/2021	7:48	BC	1459	1337	5.0	35	59.0	100	-
9/14/2021	14:21	JDS	1442	1321	5.0	35	57.0	102	-
9/14/2021	16:52	BC	1460	1332	5.0	35	57.2	106	-
9/15/2021	7:25	BC	1477	1350	5.0	35	58.8	102	-
9/15/2021	13:21	BC	1412	1227	5.0	35	49.6	84	-
9/15/2021	15:31	JDS	1395	1288	5.0	35	49.4	82	-
9/15/2021	15:31	System Maintenance							-
9/16/2021	7:50	BC	1400	1290	5.0	35	47.0	70	-
9/16/2021	11:46	BC	1400	1294	5.0	35	46.6	70	-
9/16/2021	12:15	System Offline (generator service)							-
9/16/2021	16:19	JDS	1430	1316	5.0	35	55.9	98	-
9/17/2021	12:51	JDS	1403	1296	5.0	35	57.1	100	-
9/17/2021	17:01	JDS	1486	1365	5.0	35	58.1	102	-
9/18/2021	6:52	JDS	1465	1346	5.0	35	59.4	102	-
9/18/2021	12:20	JDS	1455	1324	5.0	35	57.9	102	-
9/18/2021	16:45	JDS	1455	1324	5.0	35	58.1	101	-
9/19/2021	8:00	KZ	1484	1365	5.0	35	60.2	104	-
9/19/2021	13:08	KZ	1483	1362	5.0	35	58.4	105	-
9/19/2021	16:40	KZ	1481	1353	5.0	35	58.6	100	-
9/20/2021	8:15	BC	1468	1341	5.0	35	80.1	105	-

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9/20/2021	12:39	JDS	1451	1337	5.0	35	59.0	102	-
9/20/2021	16:05	JDS	1456	1332	5.0	35	58.8	104	-
9/21/2021	8:13	BC	1451	1325	5.0	35	60.1	104	-
9/21/2021	12:56	JDS	1429	1321	5.0	35	60.0	104	-
9/21/2021	17:08	MT	1449	1336	5.0	35	60.2	105	-
9/22/2021	7:07	BC	-	-	-	-	-	-	-
9/22/2021	9:00	System Offline							
9/22/2021	14:00	System Offline							
9/22/2021	14:28	BC	1394	1317	5.0	35	39.1	45	-
9/22/2021	15:40	JDS	1402	1303	5.0	35	47.8	70	-
9/23/2021	7:24	BC	1402	1293	5.0	35	49.5	75	-
9/23/2021	13:08	BC	1409	1301	5.0	35	48.1	78	-
9/23/2021	16:17	JDS	1494	1367	5.0	35	58.4	102	-
9/24/2021	7:53	BC	1697	1532	5.0	35	61.0	108	-
9/24/2021	11:42	BC	1522	1388	5.0	35	60.5	110	-
9/24/2021	16:47	JDS	1388	1283	5.0	35	61.1	108	-
9/25/2021	12:25	JDS	1541	1403	5.0	35	60.2	106	-
9/25/2021	15:12	BC	1512	1353	5.0	35	60.1	106	-
9/26/2021	8:25	KZ	1606	1466	5.0	35	61.4	110	-
9/26/2021	21:05	KZ	1529	1404	5.0	35	59.9	108	-
9/26/2021	17:20	KZ	1532	1400	5.0	35	60.3	106	-
9/27/2021	7:49	BC	1691	1527	5.0	35	62.4	108	-
9/27/2021	12:43	BC	1561	1394	5.0	35	59.8	104	-
9/27/2021	16:00	BC	1525	1385	5.0	35	59.7	106	-
9/28/2021	8:00	BC	1548	1410	5.0	35	61.5	108	-
9/28/2021	13:50	BC	1498	1364	5.0	35	59.3	106	-
9/28/2021	16:52	BC	1516	1376	5.0	35	59.5	106	-
9/29/2021	7:39	JDS	1489	1367	5.0	35	61.6	93	-
9/29/2021	11:59	MT	1470	1349	5.0	35	59.5	108	-
9/29/2021	16:49	JDS	1473	1348	5.0	35	59.5	106	-
9/30/2021	12:05	JDS	1412	1307	5.0	35	62.8	110	-

Table 10
Summary of System Two Operating Data

Colonial Pipeline Company
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Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
9/30/2021	15:53	JDS	1453	1339	5.0	35	61.2	115	-
10/1/2021	8:45	JDS	1460	1347	5.0	35	63.4	112	-
10/1/2021	16:57	JDS	1483	1360	5.0	35	62.0	108	-
10/2/2021	8:18	MT	1447	1327	5.0	35	63.5	113	-
10/2/2021	11:26	MT	1421	1304	5.0	35	62.1	109	-
10/2/2021	15:00	MT	1446	1326	5.0	35	61.3	108	-
10/3/2021	7:55	JDS	1450	1335	5.0	35	63	115	-
10/3/2021	12:05	JDS	1455	1332	5.0	35	61.5	114	-
10/3/2021	15:32	JDS	1466	1338	5.0	35	61.4	115	
10/4/2021	8:05	JDS	1464	1347	5.0	35	62.3	115	-
10/4/2021	12:03	JDS	1435	1322	5.0	35	61.7	115	-
10/4/2021	16:40	BC	1446	1314	5.0	35	61.7	108	-
10/5/2021	8:50	Jsh	1428	1318	5.0	35	62.4	110	-
10/5/2021	12:35	Jsh	1421	1315	5.0	35	61.6	114	-
10/5/2021	17:02	MT	1455	1333	5.0	35	61.4	106	-
10/6/2021	7:24	Jsh	1433	1319	5.0	35	63	106	-
10/6/2021	13:12	Jsh	1413	1302	5.0	35	61.5	112	-
10/6/2021	16:32	Jsh	1469	1349	5.0	35	62.3	110	-
10/7/2021	7:34	Jsh	1439	1331	5.0	35	63.1	111	-
10/7/2021	11:47	Jsh	1431	1319	5.0	35	62.8	110	-
10/7/2021	16:52	MT	1442	1331	5.0	35	63.1	113	-
10/8/2021	7:25	MT	1438	1329	5.0	35	62.7	110	-
10/8/2021	12:43	Jsh	1438	1323	5.0	35	63	112	-
10/8/2021	16:09	MT	1432	1312	5.0	35	62.9	111	-
10/9/2021	7:58	Jsh	1460	1341	5.0	35	63.1	115	-
10/9/2021	11:40	Jsh	1424	1309	5.0	35	62.6	116	-
10/9/2021	17:05	CDR	1447	1332	5.0	35	62.3	115	-
10/10/2021	8:33	KZ	1441	1330	5.0	35	63.1	113	-
10/10/2021	12:40	KZ	1464	1351	5.0	35	61.6	111	-
10/10/2021	15:30	KZ	1478	1355	5.0	35	61.3	113	-
10/11/2021	7:42	BC	1467	1339	5.0	30	62.9	112	-

Table 10
Summary of System Two Operating Data

Colonial Pipeline Company
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Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
10/11/2021	13:33	JDS	1488	1364	5.0	30	62.1	112	-
10/11/2021	17:18	JDS	1493	1360	5.0	30	62.4	110	-
10/12/2021	8:11	JDS	1492	1360	5.0	30	63	112	-
10/12/2021	13:04	BC	1493	1356	5.0	30	61.7	106	-
10/12/2021	16:22	JDS	1514	1370	5.0	30	61.7	114	-
10/13/2021	7:42	BC	1552	1398	5.0	30	63.1	110	-
10/13/2021	12:02	BC	1499	1349	5.0	30	61.6	110	-
10/13/2021	13:12	JDS	1499	1358	5.0	30	61.2	110	-
10/13/2021	16:06	JDS	1502	1362	5.0	30	61.3	110	-
10/13/2021	16:10	JDS	1738	1651	5.0	68	69	32	-
10/14/2021	7:33	JDS	1548	1404	5.0	30	63.2	112	-
10/14/2021	13:41	JDS	1503	1370	5.0	30	61	110	-
10/14/2021	17:03	BC	1514	1365	5.0	30	61	108	-
10/15/2021	7:55	BC	1570	1419	5.0	30	63.3	110	-
10/15/2021	13:07	Jsh	1510	1376	5.0	30	60.5	110	-
10/15/2021	16:57	BC	1479	1340	5.0	30	60.3	110	-
10/16/2021	7:57	BC	1485	1339	5.0	30	61.6	110	-
10/16/2021	12:38	BC	1470	1312	5.0	30	60.5	108	-
10/16/2021	16:03	BC	1466	1330	5.0	30	61	110	-
10/17/2021	9:01	KZ	1690	1529	5.0	30	62.8	115	-
10/17/2021	12:15	KZ	1521	1375	5.0	30	61.6	113	-
10/17/2021	15:55	KZ	1462	1337	5.0	30	61.6	111	-

Table 10
Summary of System Two Operating Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
10/18/2021	8:30	BC	1700	1529	5.0	30	62.6	112	-
10/18/2021	12:23	BC	1495	1352	5.0	30	61.7	110	-
10/18/2021	16:22	BC	1,514	1,368	5.0	30.0	61.4	110	-
10/19/2021	7:45	BC	1,694	1,521	5.0	30.0	62.6	110	-
10/19/2021	13:20	JDS	1,487	1,355	5.0	30.0	61.1	109	-
10/19/2021	15:32	Jsh	1,476	1,343	5.0	30.0	61.1	110	-
10/20/2021	11:33	JDS	1,467	1,343	5.0	30.0	61.4	110	-
10/20/2021	16:17	JDS	1,528	1,385	5.0	30.0	61.6	110	-
10/21/2021	8:40	JDS	1,625	1,471	5.0	30.0	63.1	114	-
10/21/2021	13:18	Jsh	1,534	1,391	5.0	30.0	61.6	119	-
10/21/2021	16:28	JDS	1,520	1,383	5.0	30.0	61.9	110	-
10/22/2021	8:47	JDS	1,492	1,351	5.0	30.0	62.2	110	-
10/22/2021	13:22	BC	1,419	1,298	5.0	30.0	61.3	108	-
10/22/2021	16:46	BC	1,509	1,379	5.0	30.0	60.9	108	-
10/23/2021	8:06	MT	1,651	1,495	5.0	30.0	62.5	110	-
10/23/2021	12:03	MT	1,527	1,392	5.0	30.0	61.3	124	-
10/23/2021	15:34	MT	1,504	1,375	5.0	30.0	61.1	114	-
10/24/2021	8:24	KZ	1,631	1,478	5.0	30.0	62.5	110	-
10/24/2021	12:37	KZ	1,511	1,365	5.0	30.0	61.4	112	-
10/24/2021	16:00	KZ	1,510	1,367	5.0	30.0	61.3	108	-
10/25/2021	7:33	JDS	1,503	1,368	5.0	30.0	62.5	110	-
10/25/2021	13:05	Jsh	1,502	1,364	5.0	30.0	60.3	118	-
10/25/2021	16:45	JDS	1,503	1,365	5.0	30.0	60.5	108	-
10/26/2021	8:10	JDS	1,600	1,450	5.0	30.0	62.7	110	-
10/26/2021	13:27	Jsh	1,397	1,300	5.0	30.0	48.2	74	-
10/26/2021	17:14	JDS	1,400	1,294	5.0	30.0	49.0	74	-
10/27/2021	7:29	JDS	1,404	1,299	5.0	30.0	49.5	74	-
10/27/2021	12:41	BC	1,400	1,294	5.0	30.0	48.6	76	-
10/27/2021	17:11	JDS	1,428	1,308	5.0	30.0	65.5	112	-
10/28/2021	7:26	BC	1,532	1,382	5.0	30.0	66.5	116	-
10/28/2021	12:05	JDS	1,422	1,304	5.0	30.0	66.1	118	-

Table 10
Summary of System Two Operating Data

Colonial Pipeline Company
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Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
10/28/2021	15:57	MT	1,482	1,331	5.0	30.0	66.1	114	-
10/29/2021	9:44	JSH	1,656	1,496	5.0	30.0	66.9	120	-
10/29/2021	15:51	Jsh	1,539	1,396	5.0	30.0	66.7	119	-
10/30/2021	8:00	BC	1,486	1,344	5.0	30.0	67.5	118	-
10/30/2021	12:47	BC	1,473	1,338	5.0	30.0	66.9	120	-
10/30/2021	16:35	BC	1,481	1,331	5.0	30.0	66.8	120	-
10/31/2021	8:10	KZ	1,487	1,351	5.0	30.0	67.3	116	-
10/31/2021	12:55	KZ	1,484	1,350	5.0	30.0	66.1	118	-
10/31/2021	16:40	KZ	1,497	1,365	5.0	30.0	66.7	119	-
11/1/2021	7:41	JDS	1,534	1,392	5.0	30.0	67.7	118	-
11/1/2021	16:01	JDS	1,454	1,330	5.0	30.0	66.6	118	-
11/2/2021	7:33	BC	1,520	1,385	5.0	30.0	68.0	118	-
11/2/2021	13:15	System Offline (generator service)							
11/2/2021	15:34	JDS	1,435	1,318	5.0	30.0	67.0	124	-
11/3/2021	8:23	JDS	1,451	1,332	5.0	30.0	69.4	126	-
11/3/2021	12:51	BC	1,428	1,303	5.0	30.0	68.8	126	-
11/3/2021	16:08	JDS	1,419	1,305	5.0	30.0	69.3	126	-
11/4/2021	7:36	JDS	1,487	1,362	5.0	30.0	68.8	125	-
11/4/2021	12:39	JDS	1,414	1,307	5.0	30.0	68.9	124	-
11/4/2021	16:04	JDS	1,429	1,317	5.0	30.0	68.6	128	-
11/5/2021	7:46	JDS	1,556	1,414	5.0	30.0	68.9	125	-
11/5/2021	13:03	Jsh	1,451	1,330	5.0	30.0	69.3	123	-
11/5/2021	16:35	Jsh	1,400	1,316	5.0	30.0	69.1	127	-
11/6/2021	8:38	Jsh	1,613	1,467	5.0	30.0	69.2	126	-
11/6/2021	12:37	Jsh	1,418	1,309	5.0	30.0	69.2	126	-
11/6/2021	16:05	Jsh	1,411	1,306	5.0	30.0	69.0	126	-
11/7/2021	8:40	KZ	1,454	1,332	5.0	30.0	68.9	126	-
11/7/2021	13:10	KZ	1,433	1,317	5.0	30.0	68.2	125	-
11/7/2021	15:38	KZ	1,436	1,315	5.0	30.0	68.1	125	-
11/8/2021	12:53	Jsh	1,460	1,340	5.0	30.0	67.8	126	-
11/8/2021	16:07	JDS	1,482	1,357	5.0	30.0	68.3	124	-

Table 10
Summary of System Two Operating Data

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H_2O)	Vacuum (Inches of Hg)
11/9/2021	7:35	JDS	1,556	1,416	5.0	30.0	68.8	123	-
11/9/2021	11:42	JDS	1,408	1,306	5.0	30.0	68.4	126	-
11/9/2021	16:12	JDS	1,402	1,288	5.0	30.0	72.9	314	-
11/10/2021	8:46	JDS	1,407	1,308	5.0	30.0	63.9	134	-
11/10/2021	11:57	JDS	1,407	1,288	5.0	30.0	72.4	134	-
11/10/2021	15:29	JDS	1,451	1,331	5.0	30.0	72.3	132	-
11/11/2021	9:07	JDS	1,463	1,339	5.0	30.0	73.3	133	-
11/11/2021	12:47	JDS	1,416	1,311	5.0	30.0	72.5	133	-
11/11/2021	16:00	KZ	1,416	1,307	5.0	30.0	72.5	133	-
11/12/2021	12:39	BC	1,453	1,322	5.0	30.0	72.2	133	-
11/12/2021	16:07	BC	1,488	1,346	5.0	30.0	72.7	134	-
11/13/2021	8:40	JDS	1,572	1,429	5.0	30.0	72.9	133	-
11/13/2021	12:39	JDS	1,467	1,340	5.0	30.0	72.1	132	-
11/13/2021	16:32	JDS	1,467	1,345	5.0	30.0	73.2	134	-
11/14/2021	9:00	KZ	1,508	1,377	5.0	30.0	73.2	134	-
11/14/2021	12:40	KZ	1,455	1,333	5.0	30.0	73.3	134	-
11/14/2021	16:40	KZ	1,461	1,336	5.0	30.0	73.4	134	-
11/15/2021	7:32	JDS	1,572	1,433	5.0	30.0	74.1	136	-
11/15/2021	13:18	Jsh	1,474	1,346	5.0	30.0	72.3	132	-
11/15/2021	15:56	JDS	1,479	1,352	5.0	30.0	72.7	132	-

Notes:
Deg. F - Degrees Fahrenheit
Flame Ox - Flame Oxidation Unit
O&M - Operation and Maintenance
VFD - Variable Frequency Drive
% - Percent

Table 11
Summary of Thermal Oxidizer Sampling Results

Colonial Pipeline Company
2020-L1-2448
Huntersville, North Carolina

Lab Report	Sample ID	Sample Date	Volatile Organic Compounds (EPA Method TO-15) (mg/m^3)																														
			Gasoline Range Organics	Acetone	Benzene	Benzyl chloride	2-Butanone (MEK)	Carbon tetrachloride	Chloromethane	Cyclohexane	1,4-Dichlorobenzene	1,1-Dichloroethene	Ethanol	Ethylbenzene	4-Ethyltoluene	n-Heptane	n-Hexane	Isopropylbenzene (Cumene)	2-Butanone (MEK)	Methyl methacrylate	Methyl-tert-butyl ether	2-Propanol	Propylene	Styrene	Tetrachloroethene	THC as Gas	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2,2,4-Trimethylpentane	Vinyl acetate	m&p-Xylene	o-Xylene
System 1 Influent Sample Results																																	
92512637	System 1 Influent	12/17/2020	**20,400**	<2.38	**326**	<0.831	<2.95	<1.01	<0.33	**451**	<0.962	<0.634	**5.54**	**49.0**	**16.7**	**330**	**2,590**	**2.13**	<2.95	<0.655	<0.577	**5.16**	<0.551	<0.681	<1.09	NA	**580**	**10.6**	**5.06**	**1,510**	<0.563	**151**	**46.0**
92513299	North Influent	12/22/2020	**34,700**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
92516105	System 1 Influent	01/12/2021	**22,400**	<1.19	**140**	<0.416	<1.47	<0.504	<0.165	**165**	<0.481	<0.317	**2.36**	**22.7**	**4.66**	**155**	**1,060**	**1.34**	<1.47	<0.328	<0.288	**1.78**	<0.276	<0.34	<0.543	NA	**228**	**2.51**	**1.29**	**1,980**	<0.282	**121**	**18.0**
92518465	SYSTEM 1 INFLUENT	01/26/2021	**13,100**	<0.594	**287**	<0.208	<0.737	<0.252	<0.0826	**348**	<0.24	<0.159	**0.91**	**26.1**	**5.64**	**374**	**2,410**	**0.85**	<0.737	<0.164	<0.144	**2.45**	<0.138	<0.17	<0.272	NA	**478**	**2.85**	**1.50**	**1,320**	<0.141	**75.9**	**21.1**
92520512	System 1 Influent	02/05/2021	**32,300**	<0.238	**623**	<0.0831	<0.295	<0.101	<0.033	**857**	<0.0962	<0.0634	<0.095	**68.1**	**15.4**	**487**	**5,850**	**2.29**	<0.295	<0.0655	<0.0577	**1.34**	<0.0551	<0.0681	<0.109	NA	**1,100**	**7.90**	**4.15**	**3,740**	<0.0563	**185**	**49.9**
92527774	System 1 Influent	03/16/2021	**17,600**	<5.94	**323**	<2.08	<7.37	<2.52	<0.826	**382**	<2.4	<1.59	**9.67**	**39.5**	**9.08**	**425**	**3,050**	<1.97	<7.37	<1.64	<1.44	<6.15	<1.38	<1.7	<2.72	NA	**678**	**5.10**	**2.46**	**1,960**	<1.41	**121**	**35.2**
92529663	System 1 - North Inf.	03/25/2021	**12,500**	<2.38	**219**	<0.831	<2.95	<1.01	<0.33	**264**	<0.962	<0.634	**13.4**	**21.5**	<0.785	**311**	**4,830**	<0.787	<2.95	<0.655	<0.577	<2.46	<0.551	<0.681	<1.09	NA	<1,880	**1.82**	**1.10**	**2,370**	<0.563	**59.8**	**16.7**
92530260	System 1 Influent	03/30/2021	**20,400**	<5.94	**358**	<2.08	<7.37	<2.52	**23.1**	**399**	<2.4	<1.59	**3.79**	**61.1**	**15.8**	**544**	**2,980**	**2.21**	<7.37	<1.64	<1.44	<6.15	<1.38	<1.7	<2.72	NA	**799**	**9.33**	**4.68**	**2,100**	<1.41	**187**	**55.5**
92531390	System 1 Influent	04/06/2021	**16,900**	**44.2**	**301**	<4.16	<14.7	<5.04	<1.65	**365**	<4.81	<3.17	**206**	**55.1**	**19.9**	**438**	**2,780**	<3.93	<14.7	<3.28	<2.88	**129**	<2.76	<3.4	<5.43	NA	**731**	**13.3**	**6.43**	**1,710**	<2.82	**173**	**55.1**
92534088	System 1 Influent	04/20/2021	**17,700**	<2.97	**556**	<1.04	<3.69	<1.26	<0.413	**651**	<1.2	<0.793	**2.55**	**63.7**	**15.1**	**371**	**4,440**	**2.17**	<3.69	<0.819	<0.721	<3.07	<0.689	<0.851	<1.36	NA	**1,170**	**8.44**	**4.28**	**2,990**	<0.704	**184**	**53.3**
92535338	System 1 Influent	04/27/2021	**30,900**	<5.94	**546**	**2.41**	<7.37	<2.52	<0.826	**589**	<2.4	<1.59	<2.38	**76.7**	**4.56**	**687**	**3,980**	**2.26**	<7.37	<1.64	<1.44	<6.15	<1.38	<1.7	<2.72	NA	**942**	**8.44**	**4.50**	**2,730**	<1.41	**219**	**64.2**
92537306	SYSTEM 1 INFLUENT	05/06/2021	**46,700**	<11.9	**703**	<4.16	<14.7	<5.04	<1.65	**785**	<4.81	<3.17	**57.1**	**86.3**	**18.4**	**802**	**5,710**	<3.93	<14.7	<3.28	<2.88	**43.5**	<8.61	<3.4	<5.43	NA	**1,500**	**10.6**	**5.60**	**3,610**	<2.82	**244**	**71.1**
92537972	System_1_Influent	05/11/2021	**34,200**	**16.0**	**668**	<4.16	<14.7	<5.04	<1.65	**809**	<4.81	<3.17	**21.1**	**98.8**	<3.93	**969**	**5,680**	<3.93	<14.7	<3.28	<2.88	**16.2**	<8.61	<3.4	<5.43	NA	**1,750**	**11.5**	**5.84**	**4,230**	<2.82	**307**	**91.5**
92539343	System_1_Influent	05/18/2021	**24,500**	<11.9	**466**	<4.16	<14.7	**88.2**	<1.65	**513**	<4.81	<3.17	**20.6**	**77.6**	**6.18**	**605**	**4,230**	**2.67**	<14.7	<3.28	<2.88	<12.3	<8.61	**2.11**	**107**	NA	**1,420**	**12.4**	**6.43**	**2,980**	<2.82	**224**	**69.8**
92540600	SYSTEM 1 INFLUENT	05/24/2021	<1,650	<5.94	<1.28	<2.08	<7.37	<2.52	<0.826	<1.38	<2.4	<1.59	<4.71	<1.73	<1.96	<1.64	<44.4	<1.97	<7.37	<1.64	<1.44	<6.15	<4.3	<1.7	<2.72	NA	<37.7	<1.96	<1.96	<18.7	<1.41	<3.47	<1.73
92541573	System_1_Influent	06/01/2021	**33,500**	**21.8**	**687**	<4.16	<14.7	<5.04	<1.65	**792**	<4.81	<3.17	**42.2**	**122**	**34.1**	**1,000**	**4,970**	**4.62**	<14.7	<3.28	<2.88	**29.3**	<8.61	<3.4	<5.43	NA	**2,030**	**18.7**	**9.18**	**4,060**	**60.9**	**379**	**114**
92543074	SYSTEM-1-INFLUENT	06/08/2021	<16.5	<0.00297	<0.0128	<0.00104	<0.00369	<0.00126	<0.000413	<0.0138	<0.0012	<0.000793	<0.00236	<0.0173	<0.0196	<0.0164	<0.0444	<0.000983	<0.00369	<0.000819	<0.000721	<0.00307	<0.00215	<0.000851	<0.00136	NA	<0.0377	<0.0196	<0.0196	<0.0187	<0.000704	<0.0347	<0.0173
92544281	System_1_Influent	06/15/2021	**40,600**	**21.2**	**514**	<2.08	<7.37	<2.52	<0.826	**644**	<2.4	<1.59	**52.4**	**75.9**	**19.9**	**859**	**4,690**	**3.35**	<7.37	<1.64	<1.44	**20.2**	<4.3	<1.7	<2.72	NA	**1,160**	**10.6**	**6**	**3,680**	<1.41	**213**	**64.2**
92549132	SYSTEM_1_INFLUENT	07/13/2021	**3,140**	<5.94	**58.1**	<2.08	<7.37	<2.52	<0.826	**68.2**	<2.4	<1.59	<4.71	**13.4**	**2.12**	**80.2**	**395**	<1.97	<7.37	<1.64	<1.44	<6.15	<4.3	<1.7	<2.72	NA	**183**	<1.96	<1.96	**324**	<1.41	**36.0**	**11.4**
92555633	SYSTEM_1_INFLUENT	08/16/2021	**3,250**	<0.238	**45.0**	<0.0831	<0.295	<0.101	<0.033	**55.4**	<0.0962	<0.0634	**1.35**	**4.11**	**0.844**	**67.9**	**346**	**0.159**	<0.295	<0.0655	<0.0577	**1.01**	<0.172	<0.0681	**0.183**	NA	**88.5**	**0.53**	**0.262**	**285**	<0.0563	**11.7**	**3.28**
92560980	SYSTEM 1 INFLUENT	09/14/2021	**12,400**	<2.38	**194**	<0.831	**0.74**	<1.01	<0.33	**206**	<0.962	<0.634	**2.11**	**38.9**	**10.7**	**283**	**1,410**	**1.60**	**0.74**	<0.655	<0.577	**15.8**	<1.72	<0.681	**0.98**	NA	**554**	**5.64**	**2.97**	**1,140**	<0.563	**113**	**34.8**
92566319	SYSTEM_1_INFLUENT	10/12/2021	**11,500**	**675**	**229**	<0.416	<1.47	<0.504	<0.165	**253**	<0.481	<0.317	**1.19**	**51.6**	**4.06**	**369**	**1,360**	**2.02**	<1.47	<0.328	<0.288	**420**	<0.861	<0.34	<0.543	NA	**840**	**8.79**	**4.37**	<0.374	<0.282	**154**	**49.0**
System 2 Influent Sample Results																																	
92499223	South Effluent	10/07/2020	NA	<9.74	**4.81**	NA	<4.84	<2.06	<0.677	**14.2**	<4.94	<1.3	NA	**3.68**	<4.03	**9.32**	**32.5**	NA	<4.84	NA	<5.9	NA	<0.564	<1.4	<1.11	**1,240**	**24.5**	**1.87**	<1.61	NA	<1.15	**12.7**	**4.30**
92501356	SOUTH INFLUENT	10/20/2020	NA	<9.74	**41.6**	NA	<4.84	<2.06	<0.677	**310**	<4.94	<1.3	NA	**18.9**	<4.03	**105**	**912**	NA	<4.84	NA	<5.9	NA	<0.564	<1.4	<1.11	**17,400**	**150**	**7.22**	**2.94**	NA	<1.15	**63.7**	**20.3**
92501691	South Influent	10/22/2020	NA	<9.74	**27.2**	NA	<4.84	<2.06	<0.677	**155**	<4.94	<1.3	NA	**11.2**	<4.03	**70.1**	**679**	NA	<4.84	NA	<5.9	NA	<0.564	<1.4	<1.11	**12,800**	**96.5**	**5.06**	**2.10**	NA	<1.15	**37.8**	**12.3**
92502469	South Effluent	10/27/2020	**3,410**	<5.94	**23.5**	<2.08	<7.37	<2.52	<0.826	<1.38	<2.4	<1.59	<2.38	**7.80**	**2.01**	**42.1**	**395**	<1.97	<7.37	<1.64	<1.44	<6.15	<1.38	<1.7	<2.72	NA	**77.6**	**2.39**	<1.96	**282**	<1.41	**23.2**	**8.06**
92502982	SOUTH INFLUENT	10/29/2020	**2,870**	<5.94	**22.1**	<2.08	<7.37	<2.52	<0.826	**47.5**	<2.4	<1.59	<2.38	**7.33**	**3.24**	**61.8**	**317**	<1.97	<7.37	<1.64	<1.44	<6.15	<1.38	<1.7	<2.72	NA	**68.2**	**2.20**	<1.96	**208**	<1.41	**22.6**	**7.33**
92503969	THERMOX EFFLUENT	11/04/2020	**4,100**	<5.94	**47.0**	<2.08	<7.37	<2.52	<0.826	**107**	<2.4	<1.59	<2.38	**9.49**	**4.06**	**55.2**	**624**	<1.97	<7.37	<1.64	<1.44	<6.15	<1.38	<1.7	<2.72	NA	**133**	**2.74**	<1.96	**401**	<1.41	**29.9**	**10.1**
92504601	Thermox Influent	11/06/2020	**15,700**	<2.38	**100**	<0.831	<2.95	<1.01	<0.33	**172**	<0.962	<0.634	<0.95	**36.8**	**21.2**	**207**	**814**	<0.787	<2.95	<0.655	<0.577	<2.46	<0.551	<0.681	<1.09	NA	**159**	**23.4**	<0.785	**556**	<0.563	**112**	**30.0**
92505172	South Influent	11/10/2020	**12,400**	<5.94	**110**	<2.08	<7.37	<2.52	<0.826	**205**	<2.4	<1.59	**5.77**	**22.5**	**8.10**	**243**	**1,450**	<1.97	<7.37	<1.64	<1.44	<6.15	<1.38	<1.7	<2.72	NA	**257**	**4.96**	**2.49**	**869**	<1.41	**69.4**	**21.9**
92506000	South Influent	11/13/2020	**10,600**	<2.38	**145**	<0.831	<2.95	<1.01	<0.33	**527**	<0.962	<0.634	**6.77**	**21.2**	**5.99**	**255**	**2,210**	**0.94**	<2.95	<0.655	<0.577	**3.27**	<0.551	<0.681	<1.09	NA	**375**	**3.08**	**1.68**	**1,360**	<0.563	**66.8**	**20.1**
92506477	SOUTH INFLUENT	11/17/2020	**7,350**	<1.19	**176**	<0.416	<1.47	<0.504	<0.165	**327**	<0.481	<0.317	<0.475	**24.8**	<0.393	**310**	**2,130**	**1.21**	<1.47	<0.328	<0.288	**2.73**	<0.276	<0.34	<0.543	NA	**355**	**3.29**	**1.87**	**1,470**	<0.282	**69.4**	**21.4**
92509061	SOUTH THERMOX INFLUENT	12/02/2020	**11,800**	<5.94	**184**	<2.08	<7.37	<2.52	<0.826	**271**	<2.4	<1.59	<2.38	**26.7**	<1.96	**236**	**546**	<1.97	<7.37	<1.64	<1.44	<6.15	<1.38	<1.7	<2.72	NA	**426**	**3.22**	<1.96	**359**	<1.41	**78.5**	**21.3**
92510193	South Influent_20201208	12/08/2020	**2,520**	<1.19	**36.1**	<0.416	<1.47	<0.504	<0.165	**57.5**	<0.481	<0.317	**1.98**	**6.46**	**1.74**	**41.3**	**391**	<0.393	<1.47	<0.328	**0.382**	**3.10**	<0.276	<0.34	<0.543	NA	**94.9**	**1.06**	**0.58**	**286**	<0.282	**19.1**	**5.55**
92511085	South Influent	12/10/2020	**9,910**	**72.0**	**161**	<0.831	<2.95	<1.01	<0.33	**204**	<0.962	<0.634	**3.77**	**21.2**	**5.45**	**204**	**2,070**	**0.81**	<2.95	<0.655	<0.577	**5.48**	<0.551	<0.681	**6.23**	NA	**300**	**3.03**	**1.58**	**1,180**	<0.563	**62.4**	**18.3**
92511819	System 2 Influent	12/15/2020	**12,100**	<5.94	**226**	<2.08	<7.37	<2.52	<0.826	**294**	<2.4	<1.59	**3.49**	**28.9**	**6.72**	**235**	**2,190**	<1.97	<7.37	<1.64	**1.88**	**7.94**	<1.38	<1.7	<2.72	NA	**463**	**3.71**	**2.00**	**1,390**	<1.41	**86.3**	**24.1**
92512637	System 2 Influent	12/17/2020	**12,700**	<5.94	**210**	<2.08	<7.37	<2.52	<0.826	**260**	<2.4	<1.59	**4.05**	**26.6**	**7.21**	**267**	**1,350**	<1.97	<7.37	<1.64	<1.44	**11.8**	<1.38	<1.7	<2.72	NA	**411**	**5.64**	**2.73**	**836**	<1.41	**72.8**	**20.3**
92513299	South Influent	12/22/2020	**7,060**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
92518465	SYSTEM 2 INFLUENT	01/26/2021	**785**	<0.238	**17.5**	<0.0831	<0.295	<0.101	<0.033	**21.4**	<0.0962	<0.0634	**1.10**	**2.27**	**0.54**	**22.2**	**1,920**	**0.0806**	<0.295	<0.0655	<0.0577	<0.246	<0.0551	<0.0681	**0.435**	NA	**370**	**0.306**	**0.167**	**1,210**	<0.0563	**6.63**	**1.87**
92520512	System 2 Influent	02/05/2021	**13,400**	<0.238	**247**	<0.0831	<0.295	<0.101	<0.033	**286**	<0.0962	<0.0634	<0.095	**31.2**	**10.4**	**189**	**2,130**	**1.39**	<0.295	<0.0655	<0.0577	**2.04**	<0.0551	<0.0681	<0.109	NA	**531**	**5.79**	**2.87**	**1,300**	<0.0563	**86.7**	**30.3**
92521189	SYSTEM INFLUENT	02/09/2021	NA	<0.238	**406**	<0.0831	<0.295	<0.101	<0.033	**496**	<0.0962	<0.0634	<0.095	**71.1**	**14.7**	**474**	**1,690**	**1.99**	<0.295	<0.0655	<0.0577	**1.04**	<0.0551	<0.0681	<0.109	NA	**429**	**8.25**	**4.18**	**1,120**	<0.0563	**213**	**62.0**
92522407	SOUTH INFLUENT	02/16/2021	NA	<1.49	<0.319	<0.519	<1.84	<0.63	<0.207	<0.344	<0.601	<0.396	<0.594	<0.434	<0.491	<0.409	**515**	<0.492	<1.84	<0.409	<0.36	<1.54	<0.344	<0.425	<0.679	NA	<0.942	<0.491	<0.491	<0.467	<0.352	<0.867	<0.434
92523549	SOUTH INFLUENT	02/23/2021	**37,400**	<5.94	**479**	<2.08	NA	<2.52	<0.826	**623**	<2.4	<1.59	**22.8**	**98.0**	**20.1**	**605**	**4,050**	**3.14**	<7.37	<1.64	<1.44	<6.15	<1.38	<1.7	<2.72	NA	**968**	**10.6**	**5.60**	**2,650**	<1.41	**281**	**76.7**
92525095	SYSTEM 2 INFLUENT	03/02/2021	**18,500**	<2.97	**495**	<1.04	<3.69	<1.26	<0.413	**696**	**5.51**	**1.38**	**39.4**	**45.1**	**9.6**	**642**	**4,090**	**1.77**	<3.69	<0.819	**3.08**	**12.9**	<0.689	<0.851	<1.36	NA	**855**	**4.56**	**2.72**	**2,820**	<0.704	**119**	**34.6**
92526902	SOUTH INFLUENT	03/10/2021	**24,400**	**26.4**	**486**	<8.31	<29.5	<10.1	<3.3	**572**	<9.62	<6.34	**189**	**64.6**	**16.2**	**560**	**5,710**	<7.87	<29.5	<6.55	<5.77	**48.2**	<5.51	<6.81	**11.1**	NA	**1,100**	**9.72**	<7.85	**2,340**	<5.63	**195**	**55.9**
92527774	System 2 Influent	03/16/2021	**14,500**	<5.94	**246**	<2.08	<7.37	<2.52	<0.826	**300**	<2.4	<1.59	**12.1**	**41.2**	**10.7**	**360**	**2,440**	<1.97	<7.37	<1.64	<1.44	**7.18**	<1.38	<1.7	<2.72	NA	**625**	**5.99**	**2.94**	**1,710**	<1.41	**126**	**37.2**
92529663	System 2 - South Inf.	03/25/2021	<4,130	<0.594	**46.0**	<0.208	<0.737	<0.252	<0.0826	**69.2**	**0.431**	<0.159	**17.1**	**24.5**	**4.10**	**85.5**	**504**	**0.82**	<0.737	<0.164	<0.144	**4.08**	<0.138	<0.17	<0.272	NA	**99.1**	**1.77**	**1.09**	<0.187	<0.141	**69.4**	**19.8**
92539346	System_2_Influent	05/18/2021	<3,300	<11.9	<2.56	<4.16	<14.7	<5.04	<1.65	<2.76	<4.81	<3.17	<9.43	<3.47	<3.93	<3.27	<88.8	<3.93	<14.7	<3.28	<2.88	<12.3	<8.61	<3.4	<5.43	NA	<7.53	<3.93	<3.93	<37.4	<2.82	<6.94	<3.47
92540603	SYSTEM 2 INFLUENT	05/24/2021	<1,650	<5.94	<1.28	<2.08	<7.37	<2.52	<0.826	<1.38	<2.4	<1.59	<4.71	<1.73	<1.96	<1.64	<44.4	<1.97	<7.37	<1.64	<1.44	<6.15	<4.3	<1.7	<2.72	NA	<3.77	<1.96	<1.96	<1.87	<1.41	<3.47	<1.73
92541569	System_2_Influent	06/01/2021	**1,620**	**4.40**	**25.1**	<1.04	<3.69	<1.26	<0.413	**64.1**	<1.2	<0.793	**11.1**	**7.85**	**2.62**	**48.7**	**346**	<0.983	<3.69	**4.63**	<0.721	**5.14**	<2.15	<0.851	<1.36	NA	**179**	**1.38**	<0.982	**324**	<0.704	**24.0**	**7.80**
92543075	SYSTEM-2-INFLUENT	06/08/2021	<1,650	<0.238	<1.28	<0.0831	<0.295	<0.101	<0.033	<1.38	<0.0962	<0.0634	<0.189	<0.0694	<0.0785	<1.64	<22.2	<0.0787	<0.295	<0.0655	<0.0577	<0.246	<0.172	<0.0681	<0.109	NA	<3.77	<0.0785	<0.0785	<1.87	<0.0563	<3.47	<0.0694
92544278	System_2_Influent	06/15/2021	<330	<1.19	<0.256	<0.416	<1.47	<0.504	<0.165	<0.276	<0.481	<0.317	<0.943	<0.347	<0.393	<0.327	<11.1	<0.393	<1.47	<0.328	<0.288	<1.23	<0.861	<0.34	<0.543	NA	<9.42	<0.393	<0.393	<4.67	<0.282	<0.694	<0.347
92549128	SYSTEM_2_INFLUENT	07/13/2021	**9,670**	<5.94	**203**	<2.08	<7.37	<2.52	<0.826	**261**	<2.4	<1.59	<4.71	**35.8**	<1.96	**299**	**1,720**	<1.97	<7.37	<1.64	<1.44	<6.15	<4.3	<1.7	<2.72	NA	**622**	**2.33**	<1.96	**1,520**	<1.41	**94.5**	**28.6**
92554459	SYSTEM 2 INFLUENT	08/10/2021	**6,690**	<5.94	**123**	<2.08	<7.37	<2.52	<0.826	**141**	<2.4	<1.59	**1.55**	**31.9**	**8.74**	**195**	**1,300**	**1.26**	<7.37	<1.64	<1.44	**3.29**	<4.3	<1.7	<2.72	NA	**399**	**4.67**	**2.58**	**715**	<1.41	**96.2**	**28.7**
92560980	SYSTEM 2 INFLUENT	09/14/2021	**1,020**	<0.238	**11.9**	<0.0831	**0.0725**	<0.101	<0.033	**15.1**	<0.0962	<0.0634	**0.781**	**4.17**	**1.70**	**24.8**	**98.4**	**0.219**	**0.0725**	<0.0655	<0.0577	**7.28**	<0.172	<0.0681	**0.0679**	NA	**48.2**	**1.01**	**0.52**	**107**	<0.0563	**12.7**	**4.14**
92566627	SYSTEM_2_INFLUENT	10/13/2021	**2.59**	<0.00297	**0.0450**	<0.00104	<0.00369	<0.00126	<0.000413	**0.0517**	<0.0012	<0.000793	<0.00236	**0.0164**	**0.00525**	**0.0777**	**0.218**	**0.000777**	<0.00369	<0.000819	<0.000721	**0.00720**	**0.00109**	<0.000851	<0.00136	NA	**0.170**	**0.00295**	**0.00160**	**0.247**	<0.000704	**0.0477**	**0.0147**

Notes:
Only detected analytes listed
"<" = Indicates compound was not detected above laboratory reporting limit
NA - Not Analyzed
Bold text indicates a detection greater than the laboratory reporting limit
mg/m^3 - Milligram per meter cubed

Table 12
Summary of System One Vapor Phase Mass Removal

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Run Time (days)	Run Time (hours)	Run Time (minutes)	Compound	Sample Concentration (mg/m^3)	Flowrate (cfm)	Flowrate (m^3/min)	Mass (lbs)	Gallons
12/15/2020	--	--	--	--	--	--	--	--	--
12/17/2020	2.6	63	3,780	GRO	20,400	129	3.65	621.0	101.7
12/22/2020	5.0	120	7,200	GRO	34,700	53	1.50	826.4	135.3
12/24/2020	1.7	40	2,400	GRO	34,700*	53	1.50	275.5	45.1
12/26/2020	--	--	--	--	--	--	--	--	--
12/28/2020	1.9	45	2,700	GRO	34,700*	53	1.50	309.9	50.7
12/30/2020	--	--	--	--	--	--	--	--	--
12/31/2020	1.0	24	1,440	GRO	34,700*	52	1.47	162.2	26.6
1/12/2021	11.9	285	17,100	GRO	34,700*	52	1.47	1,926.5	315.4
1/20/2021	7.9	190	11,405	GRO	22,400	52	1.47	829.4	135.8
1/20/2021	--	--	--	--	--	--	--	--	--
1/20/2021	0.2	5	285	GRO	22,400*	52	1.47	20.7	3.4
1/21/2021	--	--	--	--	--	--	--	--	--
1/26/2021	5.3	127	7,635	GRO	13,100	49	1.38	303.9	49.8
1/29/2021	2.7	65	3,900	GRO	13,101*	49	1.38	155.2	25.4
1/30/2021	--	--	--	--	--	--	--	--	--
2/5/2021	6.1	146	8,730	GRO	32,300	49	1.38	856.8	140.3
2/9/2021	3.8	92	5,540	GRO	32,300*	49	1.38	543.7	89.0
3/14/2021	--	--	--	--	--	--	--	--	--
3/16/2021	2.2	52	3,122	GRO	17,600	52	1.47	178.4	29.2
3/21/2021	5.3	127	7,633	GRO	17,600*	52	1.47	436.2	71.4
3/23/2021	--	--	--	--	--	--	--	--	--
3/24/2021	1.4	34	2,070	GRO	17,600*	52	1.47	118.3	19.4
3/25/2021	0.5	11	660	GRO	12,500	52	1.47	26.8	4.4
3/30/2021	5.0	120	7,200	GRO	20,400	52	1.47	476.9	78.1
3/31/2021	6.7	161	9,660	GRO	20,400*	55	1.56	676.0	110.7
4/2/2021	--	--	--	--	--	--	--	--	--
4/6/2021	12.6	302	18,090	GRO	16,900	56	1.59	1,075.0	176.0
4/13/2021	19.3	464	27,810	GRO	16,900*	56	1.59	1,652.6	270.5
4/14/2021	--	--	--	--	--	--	--	--	--
4/18/2021	16.6	398	23,879	GRO	16,900*	56	1.59	1,419.0	232.3

Table 12
Summary of System One Vapor Phase Mass Removal

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Run Time (days)	Run Time (hours)	Run Time (minutes)	Compound	Sample Concentration (mg/m^3)	Flowrate (cfm)	Flowrate (m^3/min)	Mass (lbs)	Gallons
4/20/2021	1.5	37	2,209	GRO	17,700	56	1.59	137.5	22.5
4/27/2021	5.5	133	7,968	GRO	30,900	72	2.05	1,110.1	181.7
5/6/2021	9.0	215	12,904	GRO	46,700	81	2.31	3,063.9	501.6
5/11/2021	5.0	120	7,220	GRO	34,200	81	2.31	1,255.5	205.5
5/18/2021	5.0	120	7,200	GRO	24,500	81	2.31	896.9	146.8
5/25/2021	7.0	168	10,080	GRO	24,500*	81	2.31	1,255.6	205.6
6/1/2021	4.7	113	6,765	GRO	33,500	80	2.26	1,130.0	185.0
6/8/2021	6.3	152	9,120	GRO	16.5	83	2.34	0.8	0.1
6/15/2021	6.3	150	9,000	GRO	4,060	74	2.10	168.8	27.6
7/13/2021	24.3	583	34,980	GRO	3,140	43	1.22	296.0	48.5
8/16/2021	28.5	684	41,040	GRO	3,250	85	2.42	710.8	116.4
9/14/2021	27.5	659	39,540	GRO	12,400	69	1.97	2,126.4	348.1
10/12/2021	24.5	587	35,220	GRO	11,500	89	2.53	2,262.8	370.4
11/4/2021	18.3	438	26,280	GRO	17,300	85	2.42	2,423.0	396.7
							Gallons Removed		**4,866.9**

Notes:

* = No analytical sample, most recent lab data used for calculation

-- = System down for maintenance

cfm = cubic feet per minute

lbs = pounds

mg/m^3 = Milligrams per meter cubed

m^3/min = Cubic meter per minute

GRO = Gasoline Range Organics

Table 13
Summary of System Two Vapor Phase Mass Removal

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Run Time (days)	Run Time (hours)	Run Time (minutes)	Compound	Sample Concentration (mg/m^3)	Flowrate (cfm)	Flowrate (m^3/min)	Mass (lbs)	Gallons
10/4-10/18/20	2.54	61	3,660	THC	7,531	69.0	1.95	118.7	19.4
10/19/2020	1	24	1,440	THC	7,531*	69.0	1.95	46.7	7.6
10/20/2020	1.0	24	1,440	THC	17,400	69.0	1.95	107.9	17.7
10/22/2020	2.0	48	2,880	THC	12,800	69.0	1.95	158.8	26.0
10/23/2020	1.0	24	1,440	THC	12,800*	70.0	1.98	80.5	13.2
10/25/2020	2.0	48	2,880	THC	12,800*	70.0	1.98	161.1	26.4
10/27/2020	2.0	48	2,880	GRO	3,410	70.0	1.98	42.9	7.0
10/29/2020	2.0	48	2,880	GRO	2,870	101.0	2.86	52.1	8.5
11/4/2020	6.0	144	8,640	GRO	2,870*	78.0	2.21	120.7	19.8
11/6/2020	2.0	48	2,880	GRO	15,700	49.0	1.39	138.3	22.6
11/9/2020	3.0	72	4,320	GRO	15,700*	93.0	2.63	393.8	64.5
11/10/2020	1.0	24	1,440	GRO	12,400	85.0	2.41	94.8	15.5
11/11/2020	1.0	24	1,440	GRO	12,400*	41.0	1.16	45.7	7.5
11/12/2020	1.0	24	1,440	GRO	12,400*	50.0	1.42	55.7	9.1
11/13/2020	1.0	24	1,440	GRO	10,600	50.0	1.42	47.6	7.8
11/17/2020	4.0	96	5,760	GRO	7,350	37.0	1.05	97.8	16.0
11/19/2020	2.0	48	2,880	GRO	7,350*	37.0	1.05	48.9	8.0
12/2/2020	13.0	312	18,720	GRO	11,800	80.0	2.27	1,103.2	180.6
12/8/2020	6.0	144	8,640	GRO	2,520	80.0	2.27	108.7	17.8
12/10/2020	2.0	48	2,880	GRO	9,910	71.0	2.01	126.5	20.7
12/15/2020	5.0	120	7,200	GRO	9,910*	80.0	2.27	356.3	58.3
12/17/2020	2.0	48	2,880	GRO	12,700	54.0	1.53	123.3	20.2
12/22/2020	5.6	135	8,100	GRO	7,060	13.2	0.38	47.3	7.7
12/24/2020	1.7	40	2,400	GRO	7,060*	13.2	0.38	14.0	2.3
12/26/2020	--	--	--	--	--	--	--	--	--
12/31/2020	4.9	118	7,080	GRO	10,200	8.7	0.25	39.2	6.4
1/21/2021	21.2	508	30,465	GRO	10,200*	9.0	0.25	174.6	28.6
1/22/2021	--	--	--	--	--	--	--	--	--
1/26/2021	3.9	93	5,550	GRO	785	6.9	0.20	1.9	0.3
2/5/2021	10.0	240	14,400	GRO	13,400	6.9	0.20	83.3	13.6
2/9/2021	3.5	85	5,100	GRO	49,913	6.9	0.20	109.9	18.0

Table 13
Summary of System Two Vapor Phase Mass Removal

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Run Time (days)	Run Time (hours)	Run Time (minutes)	Compound	Sample Concentration (mg/m^3)	Flowrate (cfm)	Flowrate (m^3/min)	Mass (lbs)	Gallons
2/16/2021	7.6	182	10,890	GRO	5,150	5.7	0.16	20.1	3.3
2/23/2021	6.4	155	9,270	GRO	37,400	5.3	0.15	114.7	18.8
3/10/2021	15.0	360	21,600	GRO	24,400	9.5	0.27	313.2	51.3
3/16/2021	6.0	144	8,640	GRO	14,500	8.7	0.25	67.9	11.1
3/22/2021	6.0	144	8,640	GRO	14,500*	8.7	0.25	67.9	11.1
3/23/2021	--	--	--	--	--	--	--	--	--
3/24/2021	1.0	24	1,440	GRO	14,500	10.0	0.28	13.0	2.1
3/25/2021	1.0	24	1,440	GRO	4,130	10.0	0.28	3.7	0.6
3/27/2021	3.0	72	4,320	GRO	4,130*	10.0	0.28	11.1	1.8
5/11/2021	--	--	--	--	--	--	--	--	--
5/18/2021	6.8	163	9,780	GRO	3,300	20.4	0.58	41.1	6.7
5/25/2021	7.0	168	10,080	GRO	3,300*	20.4	0.58	42.4	6.9
6/1/2021	5.0	120	7,200	GRO	1,620	30.8	0.87	22.4	3.7
6/8/2021	6.3	152	9,120	GRO	1,650*	24.1	0.68	22.7	3.7
6/15/2021	6.2	149	8,955	GRO	330	30.0	0.85	5.5	0.9
7/13/2021	25.2	605	36,315	GRO	9,670	74.6	2.11	1634.9	267.7
8/10/2021	25.6	616	36,930	GRO	6,690	49.1	1.39	756.7	123.9
9/10/2021	28.1	675	40,485	GRO	10,400	53.8	1.52	1413.4	231.4
9/14/2021	3.8	92	5,535	GRO	1,020	68.3	1.93	24.1	3.9
10/12/2021	26.9	645	38,700	GRO	2.59	70.3	1.99	0.4	0.1
11/4/2021	20.8	499	29,910	GRO	3,600	85.8	2.43	576.5	94.4
							Gallons Removed		**1,516.3**

Notes:

* = No analytical sample, most recent lab data used for calculation

-- = System down for maintenance

cfm = cubic feet per minute

lbs = pounds

mg/m^3 = Milligrams per meter cubed

m^3/min = Cubic meter per minute

THC = Total Hydrocarbon

GRO = Gasoline Range Organics

Table 14
Summary of Pumping Wells

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Pump Type	Vacuum Enhancement	Well ID	Pump Type	Vacuum Enhancement
MW-11	Top	Yes	RW-30	Top	Yes
MW-22R	Bottom	Yes	RW-31	Bottom	Yes
MW-24	Top	Yes	RW-32	Bottom	Yes
MW-26R	Bottom	Yes	RW-33	Bottom	Yes
MW-39	Bottom	Yes	RW-34	Bottom	Yes
MW-47	Top	Yes	RW-35	Bottom	Yes
MW-48	Top	Yes	RW-36	Bottom	Yes
MW-54	Bottom	Yes	RW-37	Bottom	Yes
MW-55	Bottom	Yes	RW-38	Top	Yes
MW-61	Top	Yes	RW-39	Bottom	Yes
MW-85	Bottom	Yes	RW-43	Top	Yes
MW-90D	Bottom	Yes	RW-45	Top	Yes
MW-91D	Bottom	Yes	RW-46	Top	Yes
RW-01	Bottom	Yes	RW-47	Top	Yes
RW-02	Top	Yes	RW-48	Bottom	Yes
RW-03	Bottom	Yes	RW-49	Bottom	Yes
RW-04	Bottom	Yes	RW-50	Bottom	Yes
RW-05	Top	Yes	RW-51	Bottom	Yes
RW-06	Top	Yes	RW-52	Bottom	Yes
RW-07	Top	Yes	RW-53	Bottom	Yes
RW-08	Bottom	Yes	RW-54	Bottom	Yes
RW-09	Top	Yes	RW-55	Bottom	Yes
RW-10	Top	Yes	RW-56	Bottom	Yes
RW-11	Bottom	Yes	RW-57	Bottom	Yes
RW-12	Bottom	Yes	RW-58	Bottom	Yes
RW-13	Bottom	Yes	RW-59	Bottom	Yes
RW-14	Top	No	RW-60	Bottom	Yes
RW-15	Bottom	Yes	RW-61	Bottom	Yes
RW-16	Top	Yes	RW-62	Bottom	Yes
RW-18	Top	Yes	RW-63	Bottom	Yes
RW-19	Bottom	Yes	RW-64	Bottom	Yes
RW-20	Bottom	No	RW-65	Bottom	Yes
RW-21	Bottom	No	RW-66	Bottom	Yes
RW-22	Top	Yes	RW-67	Bottom	Yes
RW-23	Bottom	Yes	RW-68	Bottom	Yes
RW-24	Top	Yes	RW-69	Bottom	Yes
RW-25	Top	Yes	RW-70	Bottom	Yes
RW-26	Top	Yes	RW-71	Bottom	Yes
RW-27	Bottom	Yes	RW-72	Bottom	Yes
RW-28	Top	Yes	RW-73	Bottom	Yes
RW-29	Top	Yes	RW-74	Bottom	Yes

Table 14
Summary of Pumping Wells

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Pump Type	Vacuum Enhancement	Well ID	Pump Type	Vacuum Enhancement
RW-75	Bottom	Yes	HCW-13	Top	Yes
RW-76	Bottom	Yes	HCW-14	Top	Yes
RW-77	Bottom	Yes	HCW-15	Bottom	Yes
RW-79	Bottom	Yes	HCW-16	Bottom	Yes
RW-80	Bottom	Yes	HCW-19	Bottom	Yes
RW-81	Bottom	Yes	HCW-21	Bottom	Yes
RW-83	Bottom	Yes	HCW-25	Bottom	Yes
RW-84	Bottom	Yes	NHCW-06	Bottom	Yes
HCW-01	Bottom	Yes	NHCW-11	Bottom	Yes
HCW-03	Bottom	Yes	NHCW-12	Bottom	Yes
HCW-06	Bottom	Yes	NHCW-13	Bottom	Yes
HCW-07	Bottom	Yes	NHCW-14	Bottom	Yes
HCW-10	Bottom	Yes	NHCW-16	Bottom	Yes
HCW-08	Bottom	Yes	RW-85	Bottom	Yes
MW-18R	Bottom	Yes	RW-86	Bottom	Yes
MW-29	Bottom	Yes	RW-87	Bottom	Yes
MW-37R	Bottom	Yes	RW-88	Bottom	Yes
MW-38	Bottom	Yes	RW-89	Bottom	Yes
MW-63	Bottom	Yes	RW-90	Bottom	Yes
MW-72R	Bottom	Yes	RW-91	Bottom	Yes
NHCW-05	Bottom	Yes	RW-92	Bottom	Yes
RW-82	Bottom	Yes	--	--	--

Notes:
Bottom = Bottom Loading Pump
Top = Top Loading Pump

APPENDIX A

BORING LOGS AND GW-1 FORMS

BORING NUMBER RW-84

Apex Companies

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448

PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DATE/TIME STARTED 2021-10-11 00:00 **COMPLETED** 2021-10-12 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____

DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X

DRILLER G. Ellingsworth **GROUND WATER LEVELS AND TIME:**

LOGGED BY C. Reeves **BOREHOLE DIAMETER** 10.5 in. ▽ **DURING DRILLING** 36.00 ft

METHOD HSA/Direct Push **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0	AU 1			SILT, (ML) dark red brown 5YR 3/4, moist, soft, medium plasticity, some clay, some mica, organic odor, heavily weathered/oxidized		4-in. Sch 40 PVC; Portland Grout; Sodium Bentonite 3/8" Chips
9.0						
10	DPT 2	PID = 1182		SILT, (ML) dark yellow brown 10YR 3/4, moist, soft, non plastic, little clay, organic odor, saprolite, heavily weathered, very micaceous	Soil Sample (9-11') @ 1035	
11.0	AU 3					
	DPT 4	PID = 1467		SILT, (ML) gray 10YR 5/1, moist, non plastic, hydrocarbon odor, saprolite, weathered/oxidized, slightly micaceous, in-situ color: white with black and orange mottles	Soil Sample (14-16') @ 1040 Broken Quartz (~ 1.0" thick)	
	DPT 5	PID = 1456				
20	DPT 6	PID = 860				
	DPT 7	PID = 778				
	DPT 8	PID = 745.2				
	DPT 9	PID = 668.7				
	DPT 10	PID = 689.6				
28.0						
30	DPT 11	PID = 642.1		SILT, (ML) gray 10YR 5/1, coarse grained, wet		Southern Products & Silica Co. GP-1 Silica Sand; 4-in. Sch 40 PVC 0.010 slotted screen
	DPT 12	PID = 630.4				
	DPT 13	PID = 627.5				
	DPT 14	PID = 626.6				
36.0 ▽						
	DPT 15	PID = 701.4		SILT, (ML) gray 10YR 5/1, coarse grained, saturated	Remnant foliation present	
40	DPT 16	PID = 706.5				
	DPT 17	PID = 614.3				
	DPT 18	PID = 349.8				
	DPT 19	PID = 1439				
	DPT 20	PID = 956.7				
48.0						
50	DPT 21	PID = 5567		SILT, GRAVELLY, (ML) very dark gray 7.5YR 3/1, saturated	Soil Sample (48-50') @ 1045	
50.0				Bottom of borehole at 50.0 feet.		

CPC_HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 11/3/21 16:19 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\SHARE DRIVE FILE\CPC_HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #: _____

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

3. Well Use (check well use):

Water Supply Well:

☐Agricultural ☐Municipal/Public

☐Geothermal (Heating/Cooling Supply) ☐Residential Water Supply (single)

☐Industrial/Commercial ☐Residential Water Supply (shared)

☐Irrigation

Non-Water Supply Well:

☑Monitoring ☐Recovery

Injection Well:

☐Aquifer Recharge ☐Groundwater Remediation

☐Aquifer Storage and Recovery ☐Salinity Barrier

☐Aquifer Test ☐Stormwater Drainage

☐Experimental Technology ☐Subsidence Control

☐Geothermal (Closed Loop) ☐Tracer

☐Geothermal (Heating/Cooling Return) ☐Other (explain under #21 Remarks)

4. Date Well(s) Completed: 10-12-21 **Well ID#** RW-84

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35.413565 N -80.807031 W

6. Is (are) the well(s): ☑**Permanent** or ☐**Temporary**

7. Is this a repair to an existing well: ☐**Yes** or ☑**No**

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

*For multiple injection or non-water supply wells **ONLY** with the **same construction**, you can submit one form.*

9. Total well depth below land surface: 50 **(ft.)**

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ **(ft.)**

If water level is above casing, use "+"

11. Borehole diameter: 4 **(in.)**

12. Well construction method: 6 5/8 HSA & 2" spoons

(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	10 ft.	4 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
10 ft.	50 ft.	4 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	6 ft.	Portland Cem	Tremie
25 ft.	27 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
27 ft.	44 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Kevin White — 10·18·21

Signature of Certified Well Contractor — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

BORING NUMBER RW-85

Apex Companies

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448

PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DATE/TIME STARTED 2021-10-12 00:00 **COMPLETED** 2021-10-13 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____

DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X

DRILLER G. Ellingsworth **GROUND WATER LEVELS AND TIME:**

LOGGED BY C. Reeves **BOREHOLE DIAMETER** 10.5 in. **DURING DRILLING** ---

METHOD HSA/Direct Push **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS
0	AU			SILT, (ML) dark red brown 5YR 3/4, moist, firm, low plasticity, some clay, organic odor, slightly micaceous, heavily weathered	
10	SS	PID = 244.7		10.0 SILT, (ML) yellow red 5YR 4/6, moist, soft, non plastic, organic odor, micaceous, in-situ color: orange with black and red mottles	
	AU				
	SS	PID = 1431		17.0 SILT, (ML) yellow brown 10YR 5/6, moist, soft, non plastic, hydrocarbon odor, remnant veigning throughout	Soil Sample (15-17') @ 1145
20	AU				
	SS	PID = 1247			
	AU				
	SS	PID = 1007			
30	AU				
	SS	PID = 932.2			
	AU				
	SS	PID = 1042			
40	AU				
	SS	PID = 1990			Soil Sample (40-42') @ 1150
	SS	PID = 899.2		44.0	
	SS	PID = 1326		46.0 SILT, (ML) yellow brown 10YR 5/6, wet, soft, non plastic, hydrocarbon odor, remnant veigning throughout	
	SS	PID = 1947		SILT, (ML) brown 7.5YR 4/4, wet, soft, non plastic, little fine sand, hydrocarbon odor, saprolite, in-situ color: brown with white and black mottles	
50	SS	PID = 777		50.0	
	SS	PID = 937.1		SILT, (ML) dark brown 7.5YR 3/4, moist, medium dense, non plastic, some medium sand, hydrocarbon odor, slightly micaceous, in-situ color: brown with black and orange mottles	
	SS				
	SS			58.0	Fractured diabase (55.8-58'), angular fractures, dull luster, hard, brittle, no visible crystals
				Bottom of borehole at 58.0 feet.	

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WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #: _____

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

3. Well Use (check well use):

Water Supply Well:

☐Agricultural ☐Municipal/Public

☐Geothermal (Heating/Cooling Supply) ☐Residential Water Supply (single)

☐Industrial/Commercial ☐Residential Water Supply (shared)

☐Irrigation

Non-Water Supply Well:

☑Monitoring ☐Recovery

Injection Well:

☐Aquifer Recharge ☐Groundwater Remediation

☐Aquifer Storage and Recovery ☐Salinity Barrier

☐Aquifer Test ☐Stormwater Drainage

☐Experimental Technology ☐Subsidence Control

☐Geothermal (Closed Loop) ☐Tracer

☐Geothermal (Heating/Cooling Return) ☐Other (explain under #21 Remarks)

4. Date Well(s) Completed: 10-12-21 **Well ID#** RW-85

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35.413565 N -80.807031 W

6. Is (are) the well(s): ☑**Permanent** **or** ☐**Temporary**

7. Is this a repair to an existing well: ☐**Yes** **or** ☑**No**

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

*For multiple injection or non-water supply wells **ONLY** with the **same construction**, you can submit one form.*

9. Total well depth below land surface: 58 **(ft.)**

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ **(ft.)**

If water level is above casing, use "+"

11. Borehole diameter: 4 **(in.)**

12. Well construction method: 6 5/8 HSA & 2" spoons

(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	18 ft.	4 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
18 ft.	58 ft.	4 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	4 ft.	Portland Cem	Tremie
4 ft.	6 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
6 ft.	58 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Kevin White 10-30-21

Signature of Certified Well Contractor Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

BORING NUMBER RW-86

Apex Companies

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448

PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DATE/TIME STARTED 2021-10-14 00:00 **COMPLETED** 2021-10-15 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____

DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X

DRILLER G. Ellingsworth **GROUND WATER LEVELS AND TIME:**

LOGGED BY C. Reeves **BOREHOLE DIAMETER** 10.5 in. **DURING DRILLING** ---

METHOD HSA/Direct Push/Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS
0	AU			SILT, (ML) dark red brown 5YR 3/4, moist, firm, low plasticity, some clay, no odor, slightly micaceous, massive, heavily weathered/oxidized	
10	SS	PID = 1333		10.0 SILT, (ML) brown 7.5YR 4/4, moist, soft, non plastic, organic odor, saprolite, micaceous, in-situ color: brown with white and black mottles, oxidized	
	SS	PID = 368.2			
	SS	PID = 1181		16.0 SILT, (ML) dark gray 7.5YR 4/1, moist, soft, non plastic, hydrocarbon odor, saprolite, micaceous, in-situ color: black, orange, and white mottled, oxidized	Soil Sample (16-18') @ 1550 Remnant foliation observed, interbedded with tan silt (18-18.5')
	SS	PID = 1667			
20	SS	PID = 854.2			
	SS	PID = 767.4			
	SS	PID = 755.7		24.0 SILT, (ML) gray 7.5YR 5/1, moist, soft, non plastic, hydrocarbon odor, saprolite, micaceous, in-situ color: white with black and brown mottles, oxidized	
	SS	PID = 802.7			
	SS	PID = 842.5			
30	SS	PID = 701.4			
	SS	PID = 873.3			
	SS	PID = 727.3			
	SS	PID = 1251			Soil Sample (34-36') @ 1555
	SS	PID = 443.4			
40	SS	PID = 144.7			
	SS	PID = 128.2		42.0	
	SS	PID = 239.3		44.0 WELL GRADED SAND, (SW) light gray 7.5YR 7/1, saturated, soft, hydrocarbon odor	
	SS	PID = 50.7		SILT, (ML) gray 7.5YR 5/1, wet, dense, no odor, saprolite, micaceous, in-situ color: white with black and brown mottles	
	SS	PID = 8.8			
50	SS	PID = 19.7			
	SS	PID = 75.5			
	SS	PID = 13.2			
	SS	PID = 40.34			
	SS	PID = 11.3			
60	SS				
	SS	PID = 37.2		61.0 Bottom of borehole at 61.0 feet.	

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WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

For Internal Use ONLY:

1. Well Contractor Information:

Gary Ellingworth

Well Contractor Name

3367

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #: _____

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

3. Well Use (check well use):

Water Supply Well:

☐Agricultural ☐Municipal/Public

☐Geothermal (Heating/Cooling Supply) ☐Residential Water Supply (single)

☐Industrial/Commercial ☐Residential Water Supply (shared)

☐Irrigation

Non-Water Supply Well:

☑Monitoring ☐Recovery

Injection Well:

☐Aquifer Recharge ☐Groundwater Remediation

☐Aquifer Storage and Recovery ☐Salinity Barrier

☐Aquifer Test ☐Stormwater Drainage

☐Experimental Technology ☐Subsidence Control

☐Geothermal (Closed Loop) ☐Tracer

☐Geothermal (Heating/Cooling Return) ☐Other (explain under #21 Remarks)

4. Date Well(s) Completed: 10-14-21 **Well ID#** RW-86

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35.413593 N -80.806959 W

6. Is (are) the well(s): ☑**Permanent** **or** ☐**Temporary**

7. Is this a repair to an existing well: ☐**Yes** **or** ☑**No**

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

*For multiple injection or non-water supply wells **ONLY** with the **same construction**, you can submit one form.*

9. Total well depth below land surface: 60 **(ft.)**

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ **(ft.)**

If water level is above casing, use "-"

11. Borehole diameter: 4 **(in.)**

12. Well construction method: 6 5/8 HSA & 2" spoons

(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	10 ft.	4 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
10 ft.	60 ft.	4 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	4 ft.	Portland Cem	Tremie
4 ft.	8 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
8 ft.	60 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Gary Ellingworth 11·1·21

Signature of Certified Well Contractor Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

BORING NUMBER RW-87

Apex Companies

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448

PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DATE/TIME STARTED 2021-10-15 00:00 **COMPLETED** 2021-10-15 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____

DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X

DRILLER G. Ellingsworth **GROUND WATER LEVELS AND TIME:**

LOGGED BY C. Reeves **BOREHOLE DIAMETER** 10.5 in. **DURING DRILLING** ---

METHOD HSA/Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS
0	AU			SILT, (ML) dark red brown 5YR 3/4, moist, firm, medium plasticity, some clay, organic odor, slightly micaceous, heavily weathered/oxidized	
10				10.0	
	SS	PID = 44.5		SILT, (ML) red brown 5YR 5/3, moist, soft, non plastic, organic odor, saprolite, very micaceous, oxidized, in-situ color: orange with brown and black mottles	
	SS	PID = 6048		12.0	
	SS	PID = 1120		SILT, (ML) dark gray 7.5YR 4/1, moist, soft, non plastic, hydrocarbon odor, saprolite, micaceous, in-situ color: white with orange and black mottles	Soil Sample (12-14') @ 1430
	SS	PID = 836.3			
	SS	PID = 730.6		18.0	
20				SILT, (ML) gray 7.5YR 5/1, moist, soft, non plastic, hydrocarbon odor, saprolite, micaceous, in-situ color: white with brown and black mottles, relict veigning throughout	
	SS	PID = 879.2		20.0	
	SS	PID = 744.3		SILT, (ML) brown 7.5YR 5/3, wet, soft, non plastic, hydrocarbon odor, massive	
	SS	PID = 1317		22.0	
	SS	PID = 1515		SILT, (ML) gray 7.5YR 5/1, moist, soft, non plastic, hydrocarbon odor, micaceous, in-situ color: white with brown and black mottles, relict foliation present	
	SS	PID = 811.5			
30					
	SS	PID = 699.7			
	SS	PID = 1034			
	SS	PID = 1931			Soil Sample (34-36') @ 1435
	SS	PID = 729.4			
				38.0	
40	SS	PID = 752.1		WELL GRADED SAND, (SW) brown 7.5YR 4/2, coarse grained, wet, dense, some silt, hydrocarbon odor, saprolite, relict foliation, in-situ color: brown with white mottles, micaceous	
	SS	PID = 742.9			
	SS	PID = 761.2		44.0	
	SS	PID = 704.7		45.0 SILT, (ML) brown 7.5YR 4/2, saturated, dense, some silt, hydrocarbon odor, saprolite, relict foliation, in-situ color: brown with white mottles, micaceous	
				46.2	
	SS	PID = 689.3		SILT, (ML) gray 10YR 6/1, wet, dense, some coarse sand, hydrocarbon odor, saprolite, micaceous, in-situ color: white with black and brown mottles, dioritic	
				Bottom of borehole at 46.2 feet.	

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WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

For Internal Use ONLY:

1. Well Contractor Information:

Gary Ellingworth

Well Contractor Name

3367

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #: _____

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

3. Well Use (check well use):

Water Supply Well:

☐Agricultural ☐Municipal/Public

☐Geothermal (Heating/Cooling Supply) ☐Residential Water Supply (single)

☐Industrial/Commercial ☐Residential Water Supply (shared)

☐Irrigation

Non-Water Supply Well:

☑Monitoring ☐Recovery

Injection Well:

☐Aquifer Recharge ☐Groundwater Remediation

☐Aquifer Storage and Recovery ☐Salinity Barrier

☐Aquifer Test ☐Stormwater Drainage

☐Experimental Technology ☐Subsidence Control

☐Geothermal (Closed Loop) ☐Tracer

☐Geothermal (Heating/Cooling Return) ☐Other (explain under #21 Remarks)

4. Date Well(s) Completed: 10-15-21 **Well ID#** RW-87

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35.413674 N -80.806968 W

6. Is (are) the well(s): ☑**Permanent** or ☐**Temporary**

7. Is this a repair to an existing well: ☐**Yes** or ☑**No**

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

*For multiple injection or non-water supply wells **ONLY** with the **same construction**, you can submit one form.*

9. Total well depth below land surface: 46 **(ft.)**

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ **(ft.)**

If water level is above casing, use "+"

11. Borehole diameter: 4 **(in.)**

12. Well construction method: 6 5/8 HSA & 2" spoons

(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	11 ft.	4 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
11 ft.	46 ft.	4 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	7 ft.	Portland Cem	Tremie
7 ft.	9 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
9 ft.	46 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Gary Ellingworth 11-1-21

Signature of Certified Well Contractor Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

**Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617**

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

**Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636**

24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

BORING NUMBER RW-88

Apex Companies

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448

PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DATE/TIME STARTED 2021-10-18 00:00 **COMPLETED** 2021-10-18 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____

DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X

DRILLER G. Ellingsworth **GROUND WATER LEVELS AND TIME:**

LOGGED BY C. Reeves **BOREHOLE DIAMETER** 8.75 in. **DURING DRILLING** ---

METHOD HSA/Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS
0	AU			SILT, (ML) dark red brown 5YR 3/4, moist, soft, low plasticity, some clay, organic odor, slightly micaceous, very weathered/oxidized	
10	SS	PID = 136.9		10.0 SILT, (ML) yellow red 5YR 5/6, moist, soft, non plastic, hydrocarbon odor, saprolite, very micaceous, in-situ color: orange with white and black mottles	
	SS	PID = 2800			Soil Sample (12-14') @ 1540
15	SS	PID = 9748		14.0 SILT, (ML) brown 7.5YR 4/3, moist, soft, non plastic, hydrocarbon odor, slightly micaceous	
	SS	PID = 685.2		16.0 SILT, (ML) yellow red 5YR 5/6, moist, soft, non plastic, hydrocarbon odor, saprolite, slightly micaceous, in-situ color: white with orange and black mottles, relict foliation present, coarse grain	
	SS	PID = 371.3		18.0 SILT, (ML) gray 7.5YR 5/1, wet, soft, non plastic, hydrocarbon odor, saprolite, slightly micaceous, in-situ color: white with brown and black mottles	
20	SS	PID = 924.6			
	SS	PID = 615.4			
25	SS	PID = 711.7			
	SS	PID = 501.3			
	SS	PID = 1121		28.0 SILT, (ML) brown 7.5YR 4/3, wet, dense, non plastic, some fine sand, massive	
30	SS	PID = 721.7		30.0 WELL GRADED SAND, (SW) gray 7.5YR 5/1, saturated, soft to dense, some silt, hydrocarbon odor, saprolite, slightly micaceous, in-situ color: white with brown and black mottles	
	SS	PID = 344.3			
35	SS	PID = 352.3			Soil Sample (34-36') @ 1545
	SS	PID = 454.9		36.0 WELL GRADED SAND, (SW) very dark gray 7.5YR 3/1, saturated, loose, little sand, hydrocarbon odor	
				38.0 Bottom of borehole at 38.0 feet.	

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WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Gary Ellingworth

Well Contractor Name

3367

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #: _____

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

3. Well Use (check well use):

Water Supply Well:

☐Agricultural ☐Municipal/Public

☐Geothermal (Heating/Cooling Supply) ☐Residential Water Supply (single)

☐Industrial/Commercial ☐Residential Water Supply (shared)

☐Irrigation

Non-Water Supply Well:

☑Monitoring ☐Recovery

Injection Well:

☐Aquifer Recharge ☐Groundwater Remediation

☐Aquifer Storage and Recovery ☐Salinity Barrier

☐Aquifer Test ☐Stormwater Drainage

☐Experimental Technology ☐Subsidence Control

☐Geothermal (Closed Loop) ☐Tracer

☐Geothermal (Heating/Cooling Return) ☐Other (explain under #21 Remarks)

4. Date Well(s) Completed: 10-18-21 **Well ID#** RW-88

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35.413520 N -80.807044 W

6. Is (are) the well(s): ☑**Permanent** or ☐**Temporary**

7. Is this a repair to an existing well: ☐**Yes** or ☑**No**

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

*For multiple injection or non-water supply wells **ONLY** with the **same construction**, you can submit one form.*

9. Total well depth below land surface: 36 **(ft.)**

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ **(ft.)**

If water level is above casing, use "-"

11. Borehole diameter: 4 **(in.)**

12. Well construction method: 6 5/8 HSA & 2" spoons

(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	11 ft.	4 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
11 ft.	36 ft.	4 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	7 ft.	Portland Cem	Tremie
7 ft.	9 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
9 ft.	36 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Gary Ellingworth 10-1-21

Signature of Certified Well Contractor Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

BORING NUMBER RW-89

Apex Companies

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448

PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DATE/TIME STARTED 2021-10-19 00:00 **COMPLETED** 2021-10-19 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____

DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X

DRILLER G. Ellingsworth **GROUND WATER LEVELS AND TIME:**

LOGGED BY C. Reeves **BOREHOLE DIAMETER** 8.75 in. ▽ **DURING DRILLING** 37.78 ft

METHOD HSA/Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS
0	AU			SILT, (ML) dark red brown 5YR 3/4, moist, firm, low plasticity, some clay, organic odor, slightly micaceous, massive	
10				10.0	
	SS	PID = 85.6		SILT, (ML) dark brown 7.5YR 3/4, moist, soft, non plastic, hydrocarbon odor, micaceous, massive	
	SS	PID = 189.2		12.0 SILT, (ML) yellow red 5YR 5/6, moist, soft, non plastic, hydrocarbon odor, saprolite, very micaceous, coarse relict grain size, in-situ color: orange with brown mottles	
15	SS	PID = 620.2		14.0 SILT, (ML) dark gray 5YR 4/1, moist, soft, non plastic, hydrocarbon odor, saprolite, very micaceous, coarse relict grain size, in-situ color: white with brown and black mottles, dioritic protolith is apparent	
	SS	PID = 354.8			
	SS	PID = 667.5			
20	SS	PID = 672.7			
	SS	PID = 726.3			Soil Sample (22-24') @ 1400
	SS	PID = 644.7		24.0	
25	SS	PID = 679.6		SILT, (ML) brown 7.5YR 5/2, moist, soft, non plastic, hydrocarbon odor, saprolite, very micaceous, in-situ color: white with brown and black mottles, dioritic	
	SS	PID = 650.7		26.0 SILT, (ML) dark gray 5YR 4/1, moist, soft, non plastic, hydrocarbon odor, saprolite, very micaceous, dioritic, in-situ color: white with brown and black mottles	
30	SS	PID = 696.2		28.0 SILT, (ML) brown 7.5YR 5/2, moist, soft, non plastic, hydrocarbon odor, very micaceous, massive	
	SS	PID = 76.4		30.0 SILT, (ML) dark gray 5YR 4/1, moist, soft, non plastic, hydrocarbon odor, very micaceous, in-situ color: white with brown and black mottles	Soil Sample (32-34') @ 1405
35	SS	PID = 761.1			
	SS	PID = 702		36.0	
	SS	PID = 779.3		SILT, (ML) brown 7.5YR 5/2, saturated, soft, non plastic, hydrocarbon odor, very micaceous, relict foliation and banding present, dioritic	
40	SS			38.0 ▽ WELL GRADED SAND, (SW) dark gray 5YR 4/1, saturated, soft, non plastic, hydrocarbon odor, saprolite, very micaceous, relict foliation present, in-situ color: white with brown and black mottles, dioritic	
				42.0	Approximately 3" of fractured competent diorite recovered. Hornblende, sodium plagioclase, quartz constituents, tr. biotite, diorite, hard, brittle. Slight hydrocarbon odor, crystal size: 3-4 mm. (40-42')
				Bottom of borehole at 42.0 feet.	

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WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Gary Ellingworth

Well Contractor Name

3367

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #: _____

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

3. Well Use (check well use):

Water Supply Well:

☐Agricultural ☐Municipal/Public

☐Geothermal (Heating/Cooling Supply) ☐Residential Water Supply (single)

☐Industrial/Commercial ☐Residential Water Supply (shared)

☐Irrigation

Non-Water Supply Well:

☑Monitoring ☐Recovery

Injection Well:

☐Aquifer Recharge ☐Groundwater Remediation

☐Aquifer Storage and Recovery ☐Salinity Barrier

☐Aquifer Test ☐Stormwater Drainage

☐Experimental Technology ☐Subsidence Control

☐Geothermal (Closed Loop) ☐Tracer

☐Geothermal (Heating/Cooling Return) ☐Other (explain under #21 Remarks)

4. Date Well(s) Completed: 10-19-21 **Well ID#** RW-89

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35.413520 N -80.807044 W

6. Is (are) the well(s): ☑**Permanent** **or** ☐**Temporary**

7. Is this a repair to an existing well: ☐**Yes** **or** ☑**No**

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

*For multiple injection or non-water supply wells **ONLY** with the **same construction**, you can submit one form.*

9. Total well depth below land surface: 41 **(ft.)**

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ **(ft.)**

If water level is above casing, use "-"

11. Borehole diameter: 4 **(in.)**

12. Well construction method: 6 5/8 HSA & 2" spoons

(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	11 ft.	4 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
11 ft.	41 ft.	4 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	7 ft.	Portland Cem	Tremie
7 ft.	9 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
9 ft.	41 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Gary Ellingworth 11.1.21

Signature of Certified Well Contractor Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

BORING NUMBER RW-90

Apex Companies

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448

PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DATE/TIME STARTED 2021-10-19 00:00 **COMPLETED** 2021-10-20 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____

DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X

DRILLER G. Ellingsworth **GROUND WATER LEVELS AND TIME:**

LOGGED BY C. Reeves **BOREHOLE DIAMETER** 8.75 in. **DURING DRILLING** ---

METHOD HSA/Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS
0				SILT, (ML) dark red brown 5YR 3/4, moist, firm, some clay, organic odor, slightly micaceous, massive	
10	AU			10.0	
	SS			SILT, (ML) dark yellow brown 10YR 4/4, moist, soft, non plastic, hydrocarbon odor, saprolite, micaceous, in-situ color: tan with black and red mottles	
	SS	PID = 46.3		16.0	
	SS	PID = 209.1		SILT, (ML) yellow brown 10YR 5/4, moist, soft, non plastic, hydrocarbon odor, saprolite, micaeous, in-situ color: white with brown and black mottles, heavily oxidized, dioritic	Soil Sample (16-18') @ 1555
	SS	PID = 1208			
20	SS	PID = 647.7			
	SS	PID = 728.2			
	SS	PID = 858.2			
	SS	PID = 579.5		26.0	
	SS	PID = 608.3		SILT, (ML) gray 10YR 6/1, moist, soft, non plastic, hydrocarbon odor, saprolite, micaceous, in-situ color: white with black and brown mottles, dioritic	Heavily oxidized
30	SS	PID = 363.9		30.0	Relict vertical veining
	SS	PID = 677.5		SILT, (ML) very dark gray brown 10YR 3/2, moist, soft, low plasticity, hydrocarbon odor, massive	
	SS	PID = 636.7		32.0	
	SS	PID = 590.8		33.0 SILT, (ML) strong brown 7.5YR 5/6, moist, soft, non plastic, hydrocarbon odor, saprolite, in-situ color: brown with black and white mottles, coarse relict grain size, dioritic	
	SS	PID = 701.5		36.0 SILT, (ML) gray 10YR 6/1, moist, soft, non plastic, hydrocarbon odor, saprolite, in-situ color: brown with black and white mottles, coarse relict grain size, dioritic	
40	SS	PID = 634.8		SILT, (ML) gray 10YR 6/1, moist, dense, non plastic, hydrocarbon odor, saprolite, in-situ color: white with brown and black mottles, dioritic, relict foliation present	
	SS	PID = 606.1			
	SS	PID = 638.3			
	SS	PID = 581.7		46.0	
	SS	PID = 539.2		SILT, (ML) gray 10YR 6/1, saturated, dense, non plastic, hydrocarbon odor, saprolite, in-situ color: white with brown and black mottles, dioritic, relict foliation present	
50	SS	PID = 569.3			
	SS	PID = 214.4			
	SS	PID = 600.7		53.5	Soil Sample (52-54') @ 1600
	SS	PID = 487.2		Bottom of borehole at 53.5 feet.	

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WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Gary Ellingworth

Well Contractor Name

3367

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #: _____

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

3. Well Use (check well use):

Water Supply Well:

☐Agricultural ☐Municipal/Public

☐Geothermal (Heating/Cooling Supply) ☐Residential Water Supply (single)

☐Industrial/Commercial ☐Residential Water Supply (shared)

☐Irrigation

Non-Water Supply Well:

☑Monitoring ☐Recovery

Injection Well:

☐Aquifer Recharge ☐Groundwater Remediation

☐Aquifer Storage and Recovery ☐Salinity Barrier

☐Aquifer Test ☐Stormwater Drainage

☐Experimental Technology ☐Subsidence Control

☐Geothermal (Closed Loop) ☐Tracer

☐Geothermal (Heating/Cooling Return) ☐Other (explain under #21 Remarks)

4. Date Well(s) Completed: 10-20-21 **Well ID#** RW-90

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35.413506 N 80.807147 W

6. Is (are) the well(s): ☑**Permanent** or ☐**Temporary**

7. Is this a repair to an existing well: ☐**Yes** or ☑**No**

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

*For multiple injection or non-water supply wells ONLY with the **same construction**, you can submit one form.*

9. Total well depth below land surface: 54 **(ft.)**

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ **(ft.)**

If water level is above casing, use "+"

11. Borehole diameter: 4 **(in.)**

12. Well construction method: 6 5/8 HSA & 2" spoons

(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	14 ft.	4 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
14 ft.	54 ft.	4 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	10 ft.	Portland Cem	Tremie
10 ft.	12 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
12 ft.	54 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Signature of Certified Well Contractor — Date: 11-1-21

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

**Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617**

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

**Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636**

24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

BORING NUMBER RW-91

Apex Companies

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448

PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DATE/TIME STARTED 2021-10-22 00:00 **COMPLETED** 2021-10-22 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____

DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X

DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**

LOGGED BY C. Reeves **BOREHOLE DIAMETER** 8.75 in. ▽ **DURING DRILLING** 34.00 ft

METHOD HSA/Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS
0	AU			SILT, (ML) dark red brown 5YR 3/4, moist, soft, non plastic, some clay, no odor, slightly micaceous, massive	
10	SS	PID = 119.2		10.0 SILT, (ML) red 2.5YR 5/6, moist, soft, non plastic, organic odor, saprolite, very micaceous, in-situ color: orange with brown and black mottles	
	SS	PID = 27.6		14.0	
	SS	PID = 38.4		15.0 SILT, (ML) brown 7.5YR 5/3, moist, soft to dense, non plastic, some fine sand, hydrocarbon odor, micaceous, massive 16.0	
	SS	PID = 39		SILT, (ML) very dark gray 10YR 3/1, moist, soft, non plastic, some medium sand, hydrocarbon odor, micaceous, white banding	
20	SS	PID = 223.5		SILT, (ML) dark gray brown 10YR 4/2, moist, soft, non plastic, hydrocarbon odor, saprolite, very micaceous, relict foliation planes present, in-situ color: white with black and brown mottles, dioritic	Soil Sample (18-20') @ 1410
	NR			22.0	
	SS	PID = 4866		SILT, (ML) gray 10YR 5/1, moist, soft, non plastic, little fine sand, hydrocarbon odor, saprolite, very micaceous, in-situ color: white with black and brown mottles, relict foliation planes present, dioritic	Soil Sample (42-44') @ 1415
	SS	PID = 2861			
	SS	PID = 2214		28.0	
30	SS	PID = 2284		29.0 SILT, (ML) gray 10YR 5/1, moist, soft to dense, non plastic, little fine sand, hydrocarbon odor, slightly micaceous, massive	
	SS	PID = 1570		SILT, (ML) gray 10YR 5/1, wet, soft, non plastic, some fine gravel, hydrocarbon odor, saprolite, micaceous, in-situ color: white with black and brown mottles, dioritic, relict foliation planes present 32.0	
	SS	PID = 1796		34.0 ▽ SILT, (ML) brown 10YR 4/3, moist, firm to dense, non plastic, hydrocarbon odor, slightly micaceous, possible relict foliation planes present	
	SS	PID = 1940		SILT, (ML) gray 10YR 5/1, saturated, firm, non plastic, some fine sand, hydrocarbon odor, micaceous, relict oxidize (orange) vertical veining, relict foliation planes present,	
	SS	PID = 1994			
40	SS	PID = 5901			
	SS	PID = 15000		42.0	
	SS	PID = 15000		SILT, (ML) dark yellow brown 10YR 4/4, saturated, soft, non plastic, some fine gravel, hydrocarbon odor, slightly micaceous, relict foliation planes present, in-situ color: white with brown, black, and orange mottles	
	SS	PID = 15000			
	SS	PID = 976.6		47.0	
				Bottom of borehole at 47.0 feet.	

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WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Gary Ellingworth

Well Contractor Name

3367

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #: _____

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

3. Well Use (check well use):

Water Supply Well:

☐Agricultural ☐Municipal/Public

☐Geothermal (Heating/Cooling Supply) ☐Residential Water Supply (single)

☐Industrial/Commercial ☐Residential Water Supply (shared)

☐Irrigation

Non-Water Supply Well:

☑Monitoring ☐Recovery

Injection Well:

☐Aquifer Recharge ☐Groundwater Remediation

☐Aquifer Storage and Recovery ☐Salinity Barrier

☐Aquifer Test ☐Stormwater Drainage

☐Experimental Technology ☐Subsidence Control

☐Geothermal (Closed Loop) ☐Tracer

☐Geothermal (Heating/Cooling Return) ☐Other (explain under #21 Remarks)

4. Date Well(s) Completed: 10-27-21 **Well ID#** RW-91

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35.415676 N 80.804908 W

6. Is (are) the well(s): ☑**Permanent** or ☐**Temporary**

7. Is this a repair to an existing well: ☐**Yes** or ☑**No**

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

*For multiple injection or non-water supply wells **ONLY with the same construction**, you can submit one form.*

9. Total well depth below land surface: 47 **(ft.)**

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 30 **(ft.)**

If water level is above casing, use "-"

11. Borehole diameter: 4 **(in.)**

12. Well construction method: 6 5/8 HSA & 2" spoons

(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	17 ft.	4 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
17 ft.	47 ft.	4 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	13 ft.	Portland Cem	Tremie
13 ft.	15 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
15 ft.	47 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

No Cover

22. Certification:

Signature of Certified Well Contractor — Date: 11·10·21

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

BORING NUMBER RW-92

Apex Companies

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448

PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DATE/TIME STARTED 2021-10-26 00:00 **COMPLETED** 2021-10-26 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____

DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X

DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**

LOGGED BY Kyle Zigler **BOREHOLE DIAMETER** 9 in. **DURING DRILLING** ---

METHOD HSA/Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS
0	SS	PID = 23.1		SILT, (ML) red 2.5YR 4/8, dry, trace clay, organic odor	
				5.0	
	SS	PID = 11.2		SILT, (ML) red 2.5YR 5/8, dry, trace clay, organic odor	
10				10.0	
	SS	PID = 17.2		SILT, (ML) red brown 2.5YR 5/3, dry, trace clay, organic odor, saprolite, micaceous, dioritic	
	SS	PID = 729			
	SS			16.0	
	SS	PID = 1660		SILT, (ML) light brown gray 5YR 6/1, dry, trace sand, hydrocarbon odor, saprolite, dioritic	Soil Sample (16-18') @ 1700
				18.0	
20	SS	PID = 627.1		SILT, SANDY, (ML) light gray 7.5YR 7/1, dry, hydrocarbon odor, saprolite, micaceous	
	SS	PID = 857.6		20.0	
	SS	PID = 738.3		SILT, SANDY, (ML) red gray 5YR 5/2, dry, hydrocarbon odor, saprolite, micaceous	Former angular fracture. Free product in SPT rods.
	SS	PID = 603.2		22.0	
	SS	PID = 655		SILTY SAND, (SM) red gray 5YR 5/2, moist, trace coarse sand, hydrocarbon odor, saprolite, dioritic	
				24.0	
30	SS	PID = 749.2		SILTY SAND, (SM) light brown gray 5YR 6/1, moist, trace coarse sand, hydrocarbon odor, saprolite, dioritic	
	SS	PID = 723.4		26.0	
	SS	PID = 703.5		SILT, (ML) light brown gray 5YR 6/1, wet, hydrocarbon odor, saprolite, micaceous, dioritic, trace oxidation	
	SS	PID = 811.2		30.0	
	SS	PID = 810		SILT, (ML) light brown 7.5YR 6/3, wet, hydrocarbon odor, saprolite, micaceous, dioritic, increased oxidation staining	Gravel zone (1"). Saturated with product.
40	SS	PID = 1243		36.0	
	SS	PID = 833.3		SILT, (ML) pink gray 7.5YR 6/2, wet, hydrocarbon odor, saprolite, micaceous, dioritic, trace oxidation	No gravel. Saturated with product.
	SS	PID = 1236			
	SS	PID = 1376			
	SS	PID = 545.2			
50	SS	PID = 337.5			
	SS	PID = 79.9		52.0	Low recovery due to rock in SPIT (50-52')
	SS	PID = 57		SILT, (ML) gray 7.5YR 5/1, wet, hydrocarbon odor, saprolite, dioritic	
	SS	PID = 312		54.0	
	SS	PID = 320.7		SILT, SANDY, (ML) gray 7.5YR 5/1, wet, trace coarse sand, hydrocarbon odor, saprolite, dioritic, vertical dark brown staining	
60	SS	PID = 553.3		58.0	
	SS	PID = 173.3		SILTY SAND, (SM) light gray 7.5YR 7/1, moist, trace coarse sand, hydrocarbon odor, saprolite, dioritic	
	SS	PID = 163.5		60.0	
				WELL GRADED SAND, (SW) gray 7.5YR 6/1, moist, with coarse sand, saprolite, dioritic	Soil Sample (62-64') @ 1720
				64.0	
				Bottom of borehole at 64.0 feet.	

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WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #: _____

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

3. Well Use (check well use):

Water Supply Well:

☐Agricultural ☐Municipal/Public

☐Geothermal (Heating/Cooling Supply) ☐Residential Water Supply (single)

☐Industrial/Commercial ☐Residential Water Supply (shared)

☐Irrigation

Non-Water Supply Well:

☑Monitoring ☐Recovery

Injection Well:

☐Aquifer Recharge ☐Groundwater Remediation

☐Aquifer Storage and Recovery ☐Salinity Barrier

☐Aquifer Test ☐Stormwater Drainage

☐Experimental Technology ☐Subsidence Control

☐Geothermal (Closed Loop) ☐Tracer

☐Geothermal (Heating/Cooling Return) ☐Other (explain under #21 Remarks)

4. Date Well(s) Completed: 10-27-21 **Well ID#** RW-92

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35.416829 N 80.804134 W

6. Is (are) the well(s): ☑**Permanent** or ☐**Temporary**

7. Is this a repair to an existing well: ☐**Yes** or ☑**No**

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

*For multiple injection or non-water supply wells **ONLY** with the **same construction**, you can submit one form.*

9. Total well depth below land surface: 66 **(ft.)**

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 32 **(ft.)**

If water level is above casing, use "-"

11. Borehole diameter: 4 **(in.)**

12. Well construction method: 6 5/8 HSA & 2" spoons

(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	11 ft.	4 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
11 ft.	66 ft.	4 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	7 ft.	Portland Cem	Tremie
7 ft.	9 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
9 ft.	66 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

No Cover

22. Certification:

Kevin White 11-10-21

Signature of Certified Well Contractor Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

APPENDIX B

GROUNDWATER SAMPLING LOGS

GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION	PROJECT NUMBER	WELL NAME	DATE
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-01	11/04/21

WELL DIAMETER (inches)	TUBING DIAMETER (inches)	WELL SCREEN INTERVAL DEPTH	DEPTH TO WATER (feet)	PUMP TYPE OR BAILER
2	1/8"	21.88 ft. to 36.88 ft.	30.10	Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(36.88 ft. - 30.1 ft.) x 0.16 gal./ft. = 1.08 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

1.09 gallons x 3 = 3.25 gallons

PUMP DEPTH IN WELL (feet)	PURGING INITIATED AT	PURGING ENDED AT	TOTAL VOLUME PURGED (gallons)
35.10	0920	1000	4.0

EQUIPMENT INFORMATION	MAKE/MODEL	SERIAL #
WATER QUALITY METER	YSI	17C101605
OIL/WATER INTERFACE PROBE	Heron H.oil	01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0920	—	—	30.1	14.4	8.91	112.6	6.25	135.8	1025	brown	None
0925	0.5	0.1	30.39	14.7	8.83	113.2	6.25	139.8	>1100		
0930	1.0		30.48	15.0	8.71	114.1	6.26	144.6	>1100		
0935	1.5		31.44	15.2	8.70	114.3	6.27	146.9	947.3		
0940	2.0		31.44	15.3	8.72	114.4	6.27	144.2	461.4		
0945	2.5		31.45	15.3	8.78	114.3	6.27	144.1	289.0	cloudy	
0950	3.0		31.47	15.3	8.75	114.1	6.27	144.1	267.3		
0955	3.5		31.47	15.3	8.62	113.9	6.27	142.8	127.6		
1000	4.0		31.48	15.2	8.51	114.2	6.27	137.3	56.32		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	SAMPLE TIME
Emilia Tarcellas / AECOM	Emilia A. Tarcellas	1000

PUMP OR TUBING DEPTH IN WELL (feet)	TUBING MATERIAL CODE	FIELD-FILTERED	FILTER SIZE
35.10	HDPE	Y (N) Filtration Equipment Type: --	-- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-01	4	AG	40 mL	HCl	40 mL x 4	6.27	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION:	PROJECT NUMBER:	WELL NAME:	DATE:
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-02	11-04-2021

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	DEPTH TO WATER (feet):	PUMP TYPE OR BAILER:
2	3/8	22.11 ft. to 37.11 ft.	30.11	ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(37.11 ft. - 30.11 ft.) x 0.16 gal./ft. = _____ gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
32.00	1243	1404	

EQUIPMENT INFORMATION	MAKE/MODEL:	SERIAL #:
WATER QUALITY METER	YSI PRO	16F100209

EQUIPMENT INFORMATION	MAKE/MODEL:	SERIAL #:
OIL/WATER INTERFACE PROBE	Heron	185908

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1244			30.34	14.0	6.50	81.3	6.57	61.5	801.6	Brown	None
1249	0.55		30.46	15.3	6.51	83.2	6.56	46.2	717.5	Brown	None
1254	1.35		30.49	15.4	6.49	82.8	6.55	43.1	427.1	Brown	None
1259	1.95		30.53	15.5	6.41	82.7	6.55	40.1	444.7	Brown	None
1304	2.40		30.65	15.9	5.20	86.4	6.50	23.5	238.4	Brown	None
1309	3.15		31.02	15.7	4.88	85.5	6.49	12.5	304.9	Brown	None
1314	4.25		31.12	15.5	6.10	82.6	6.51	5.3	271.7	Brown	None
1319	5.10		31.15	15.5	6.28	82.0	6.51	4.3	169.8	Cloudy	None
1324	5.75		31.17	15.5	6.25	81.8	6.51	4.6	75.96	Cloudy	None
1329	6.50		31.22	15.6	6.45	81.3	6.52	5.7	50.01	Cloudy	None
1334	8.00		31.24	15.5	6.43	81.2	6.51	7.2	26.65	Clear	None
1339	10.00		31.24	15.6	6.46	81.0	6.51	8.0	13.12	Clear	None
1344	11.40		31.23	15.6	6.47	81.9	6.51	6.9	8.23	Clear	None
1349	12.50		31.22	15.6	6.46	81.7	6.51	7.2	5.85	Clear	None
1354	13.60		31.23	15.5	6.46	81.8	6.52	7.5	4.92	Clear	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME:
Mariah Rockwell - AECOM		1400

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N)	FILTER SIZE: -- µm
32.00		Filtration Equipment Type: --	

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

*water has sheen

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-3	DATE: 11/4/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 20 ft. to 30 ft.	DEPTH TO WATER (feet): 26.94	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY	3 WELL VOLUMES = 1 WELL VOLUME X 3
(_____ ft. - _____ ft.) x _____ gal./ft. = _____ gallons	_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet): 28	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: Horiba	SERIAL #:	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron H.01	SERIAL #:

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1125	0		26.94	15.81	4.17	185	6.12	167	811	cloudy	NO
1130			26.99	15.05	4.01	187	6.01	173	681		
1135			26.99	15.28	3.83	189	5.94	177	541		
1140			27.03	15.39	2.74	207	5.91	193	301		
1145			27.08	15.48	2.61	206	5.86	204	104		
1150			27.10	15.49	2.64	296	5.88	210	108		
1155			27.11	15.50	2.66	206	5.87	207	100		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jim Dimitrolt AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME:

PUMP OR TUBING DEPTH IN WELL (feet): 28	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N~~ (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION:	PROJECT NUMBER:	WELL NAME:	DATE:
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-04	11-04-2021

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	DEPTH TO WATER (feet):	PUMP TYPE OR BAILER:
2	3/8	12.78 ft. to 42.78 ft.	32.05	ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(42.77 ft. - 32.05 ft.) x 0.16 gal./ft. = _____ gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
35.0	1019	1119	

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI PRO — SERIAL #: 16F100209

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron — SERIAL #: 185908

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1020			32.35	14.9	7.37	65.0	6.48	58.6	173.8	None	None
1025	0.50		32.55	15.1	7.43	65.3	6.51	56.2	88.45	None	None
1030	1.25		32.67	15.8	7.38	66.8	6.52	57.6	608.8	Cloudy	None
1035	2.05		32.82	15.8	7.48	68.1	6.53	59.8	674.5	Cloudy	None
1040	2.80		32.82	15.9	7.65	69.0	6.53	60.6	693.3	Cloudy	None
1045	3.25		32.89	16.1	7.65	69.8	6.53	62.3	376.2	Cloudy	None
1050	4.00		32.92	15.8	7.62	68.7	6.52	62.1	175.2	Cloudy	None
1055	4.55		32.92	15.9	7.50	70.1	6.53	62.9	151.2	Cloudy	None
1100	5.15		32.92	16.0	7.52	70.2	6.53	63.7	134.6	Clear	None
1105	6.00		32.92	16.1	7.53	70.0	6.53	64.0	133.2	Clear	None
1110	6.75		32.92	15.9	7.53	69.8	6.54	63.8	130.9	Clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME:
Mariah Rockwell - AECOM		1115

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm
35.00			

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-04D	DATE: 11/04/21

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 137 ft. to 143 ft.	DEPTH TO WATER (feet): 32.93	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(143 ft. - 32.93 ft.) x 0.65 gal./ft. = 71.55 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

71.55 gallons x 3 = 214.65 gallons

PUMP DEPTH IN WELL (feet): 137	PURGING INITIATED AT: 1250	PURGING ENDED AT: 1320	TOTAL VOLUME PURGED (gallons): 2.25

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: Horiba U-52 SERIAL #: 15C101916	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron H.Oil SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1255	0.375	0.075	33.09	15.0	2.06	175.3	7.97	-17.1	4.33	Clear	none
1300	0.75		33.20	15.2	1.57	175.9	7.97	-19.5	4.43		
1305	1.125		33.71	15.1	1.45	175.3	7.94	-20.7	4.70		
1310	1.50		34.20	15.2	1.50	175.7	7.92	-21.3	4.36		
1315	1.875		34.35	15.1	1.46	175.4	7.90	-20.7	4.29		
1320	2.25		34.49	15.1	1.47	175.3	7.90	-20.9	4.20		

Mike de Kozlowski 11/04/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1330
PUMP OR TUBING DEPTH IN WELL (feet): 137	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-04D	4	AG	40 mL	HCl	40 mL x 4	7.90	6200	ESP	0.075
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Rainy, 50's

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-05	DATE: 11/4/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 12.02 ft. to 42.02 ft.	DEPTH TO WATER (feet): 28.49	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(42.02 ft. - 28.49 ft.) x 0.163 gal./ft. = 2.2 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

2.2 gallons x 3 = 6.6 gallons

PUMP DEPTH IN WELL (feet): 39	PURGING INITIATED AT: 1330	PURGING ENDED AT: 1425	TOTAL VOLUME PURGED (gallons): 5.7

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: YSI / Pro	SERIAL #: 13K100920
EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron / H.Oil	SERIAL #: 01-8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1330	0.1		28.49	15.5	6.10	67.8	6.49	171.6	798.8	Sl.cloudy	None
1335	0.6		28.53	15.6	5.21	68.6	6.36	177.8	469.8		
1340	1.0		28.53	15.6	5.24	68.7	6.34	178.6	395.2		
1345	1.5		28.51	15.8	5.20	69.0	6.32	181.1	344.8		
1350	1.9		28.50	15.7	5.18	70.1	6.32	182.9	283.6		
1355	2.4		28.51	15.9	5.26	70.4	6.31	183.0	229.4		
1400	3.0		28.52	15.8	5.28	70.7	6.31	183.0	125.6	Clear	
1405	3.5		28.52	16.0	5.18	71.3	6.31	182.7	50.9		
1410	4.0		28.52	15.9	5.33	71.5	6.31	182.7	13.37		
1415	4.6		28.52	15.9	5.34	71.7	6.30	183.6	6.50		
1420	5.2		28.52	16.0	5.39	72.2	6.31	183.8	3.22		
1425	5.7		28.52	16.0	5.45	72.3	6.31	183.9	0.96		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1435
PUMP OR TUBING DEPTH IN WELL (feet): 39	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-05	4	AG	40 mL	HCl	40 mL x 4	6.31	6200	ESP	
"	3	AG	40 mL	HCl	40 mL x 3	"	VPH	"	
"	1	PP	250 mL	HNO_3	250 mL	"	Lead by 6010	"	
NA	3	AG	40 mL	HCl	40 mL x 3	—	8015	—	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION:	PROJECT NUMBER:	WELL NAME:	DATE:
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-06	11-04-2021

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	DEPTH TO WATER (feet):	PUMP TYPE OR BAILER:
2	3/8	12.91 ft. to 42.91 ft.	24.99	ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(42.91 ft. - 24.99 ft.) x 0.16 gal./ft. = _____ gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
27.50	1429.	1525	

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL:	SERIAL #:	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL:	SERIAL #:
	YSI PRO	16F100209		Heron	185908

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1430			25.29	15.0	6.11	105.9	6.38	49.3	202.9	Cloudy	None
1435	0.60		25.35	15.1	6.26	104.3	6.33	46.7	85.13	Cloudy	None
1440	1.35		25.40	15.5	6.45	96.6	6.37	47.9	51.21	Cloudy	None
1445	2.20		25.44	15.5	6.51	94.6	6.37	48.2	54.73	Cloudy	None
1450	3.00		25.50	15.5	6.58	91.7	6.36	49.0	53.15	Clear	None
1455	3.80		25.52	15.5	6.60	91.6	6.36	49.4	51.34	Clear	None
1500	4.50		25.52	15.6	6.72	92.8	6.37	48.7	48.23	Clear	None
1505	5.60		25.52	15.6	6.74	93.0	6.36	49.0	33.45	Clear	None
1510	6.75		25.53	15.5	6.71	93.2	6.36	49.3	32.85	Clear	None
1515	7.55		25.52	15.5	6.70	93.3	6.36	49.1	33.46	Clear	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME:
Mariah Rockwell - AECOM		1520

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N)	FILTER SIZE: -- µm
27.50		Filtration Equipment Type: --	

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-07D	DATE: 11/03/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 128.50 ft. to 138.50 ft.	DEPTH TO WATER (feet): 33.09	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(138.50 ft. - 33.09 ft.) x 0.16 gal./ft. = 16.87 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

16.87 gallons x 3 = 50.61 gallons

PUMP DEPTH IN WELL (feet): 130	PURGING INITIATED AT: 1150	PURGING ENDED AT: 1225	TOTAL VOLUME PURGED (gallons): 1.75

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba U-52; SERIAL #: 15C101916

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1200	0.5	0.05	34.71	14.5	2.50	274.7	7.60	-12.5	3.27	Clear	none
1205	0.75		35.15	14.4	2.17	263.9	7.59	-15.0	2.48		
1210	1.0		35.15	14.6	1.71	257.0	7.55	-16.4	0.74		
1215	1.25		35.16	14.7	1.53	252.6	7.53	-18.7	0.51		
1220	1.50		35.16	14.6	1.47	250.1	7.52	-13.4	0.39		
1225	1.75		35.16	14.6	1.44	248.2	7.51	-9.82	0.28		

Mike de Kozlowski 11/03/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1235

PUMP OR TUBING DEPTH IN WELL (feet): 130	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-07D	4	AG	40 mL	HCl	40 mL x 4	7.51	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Cloudy, 50's DUP-1-20211103 collected

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-08	DATE: 11/1/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 18.11 ft. to 48.11 ft.	DEPTH TO WATER (feet): 33.71	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(48.11 ft. - 33.71 ft.) x 0.65 gal./ft. = 9.4 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

9.4 gallons x 3 = 28.2 gallons

PUMP DEPTH IN WELL (feet): 46	PURGING INITIATED AT: 1345	PURGING ENDED AT: 1425	TOTAL VOLUME PURGED (gallons): 4.9

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro; SERIAL #: 13K100920

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1345	0.3		33.71	17.1	8.74	100.6	6.22	146.5	21.03	Clear	None
1350	0.8		33.73	17.5	8.36	101.2	6.20	144.4	14.79	"	"
1355	1.4		33.73	17.3	8.36	100.8	6.19	142.0	12.97	"	"
1400	1.9		33.73	17.8	8.08	101.8	6.20	128.4	12.62	"	"
1405	2.5		33.73	17.7	8.14	101.6	6.20	126.3	7.30	"	"
1410	3.1		33.73	17.7	7.99	101.4	6.20	125.5	5.41	"	"
1415	3.7		33.73	17.9	7.88	101.8	6.20	122.4	5.10	"	"
1420	4.3		33.73	17.9	7.82	101.8	6.19	121.9	4.99	"	"
1425	4.9		33.73	17.9	7.85	101.8	6.19	121.8	2.84	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey/AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1435
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-08	4	AG	40 mL	HCl	40 mL x 4	6.19	6200	ESP	
"	3	AG	40 mL	HCl	40 mL x 3	"	VPH	"	
"	1	PP	250 mL	HNO_3	250 mL	"	Lead by 6010	"	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION	PROJECT NUMBER	WELL NAME	DATE
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-09	11/04/21

WELL DIAMETER (inches)	TUBING DIAMETER (inches)	WELL SCREEN INTERVAL DEPTH	DEPTH TO WATER (feet)	PUMP TYPE OR BAILER
2	1/8"	26.96 ft. to 41.96 ft.	32.27	Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(41.96 ft. - 32.27 ft.) x 0.16 gal./ft. = 1.55 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
1.55 gallons x 3 = 4.65 gallons

PUMP DEPTH IN WELL (feet)	PURGING INITIATED AT	PURGING ENDED AT	TOTAL VOLUME PURGED (gallons)
37.27	1355	1430	3.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil — SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1355	—	—	32.27	13.4	7.15	1300	6.16	121.9	442.0	cloudy	none
1400	0.5	0.1	32.39	14.3	6.54	134.7	6.14	120.4	143.3	↓	
1405	1.0		32.45	14.7	6.13	134.9	6.14	119.9	46.7	clear	
1410	1.5		32.46	14.8	6.15	134.9	6.14	118.9	32.3		
1415	2.0		32.46	14.7	6.12	135.0	6.14	119.9	20.89		
1420	2.5		32.46	15.0	6.41	134.7	6.15	119.5	17.05		
1425	3.0		32.48	15.1	6.42	135.2	6.15	120.1	8.15		
1430	3.5	↓	32.48	15.3	6.37	1356	6.15	120.7	5.55	↓	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	SAMPLE TIME
Emilia Tarellas / AECOM	Emilia A. Tarellas	1430

PUMP OR TUBING DEPTH IN WELL (feet)	TUBING MATERIAL CODE	FIELD-FILTERED: Y (N)	FILTER SIZE: -- µm
37.27	HDPE	Filtration Equipment Type: --	

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-09	4	AG	40 mL	HCl	40 mL x 4	6.15	6200	ESP	0.1
↓	3	AG	40 mL	HCl	40 mL x 3	↓	VPH	↓	↓
↓	1	PP	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-12	DATE: 11-04-2021

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 20.94 ft. to 40.94 ft.	DEPTH TO WATER (feet): 34.25	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(40.94 ft. - 34.25 ft.) x 0.16 gal./ft. = _____ gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet): 35.00	PURGING INITIATED AT: 0911	PURGING ENDED AT: 0959	TOTAL VOLUME PURGED (gallons):

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI PRO — SERIAL #: 16F100209

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron — SERIAL #: 185908

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0912			34.72	15.3	6.67	148.0	6.58	71.8	25.93	None	None
0917	0.60		35.25	16.1	6.27	156.0	6.60	73.0	1.67	None	None
0922	1.10		35.50	16.4	6.00	154.6	6.58	71.3	1.50	None	None
0927	1.80		35.67	16.4	6.10	150.7	6.54	71.8	5.48	None	None
0932	2.20		35.80	16.4	5.86	149.8	6.53	73.0	1.30	None	None
0937	3.00		35.75	16.7	5.88	147.4	6.49	74.0	0.01	None	None
0942	3.75		35.80	16.6	6.15	147.0	6.49	71.6	0.00	None	None
0947	4.30		35.80	16.5	6.11	146.8	6.48	71.8	0.00	None	None
0952	5.25		35.80	16.4	6.13	146.9	6.49	71.7	0.00	None	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mariah Rockwell - AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 0955
PUMP OR TUBING DEPTH IN WELL (feet): 36.00	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-13	DATE: 11/01/21
WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 14.86 ft. to 59.86 ft.	DEPTH TO WATER (feet): 44.31	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(59.86 ft. - 44.31 ft.) x 0.65 gal./ft. = 10.10 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
10.10 gallons x 3 = 30.30 gallons

PUMP DEPTH IN WELL (feet): 49.31	PURGING INITIATED AT: 1520	PURGING ENDED AT: 1545	TOTAL VOLUME PURGED (gallons): 0.6

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1520	0.1	0.1	45.61	16.6	5.86	206.9	5.58	226.7	223.8		
1525	0.2		45.65	16.6	3.66	207.0	5.61	225.5	208.3		
1530	0.3		45.87	16.8	2.50	207.6	5.78	219.0	218.9		
1535	0.4		46.02	16.9	2.43	208.3	5.81	218.2	174.5		
1540	0.5		46.01	16.9	2.40	208.5	5.81	218.0	176.3		
1545	0.6		46.02	17.0	2.34	208.6	5.82	218.0	177.1		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1550
PUMP OR TUBING DEPTH IN WELL (feet): 49.31	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	5.82	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3	5.82	VPH	ESP	"
	1	PP	250 mL	HNO_3	250 mL	5.82	Lead by 6010	ESP	"

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION	PROJECT NUMBER	WELL NAME	DATE
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-14	11/01/21

WELL DIAMETER (inches)	TUBING DIAMETER (inches)	WELL SCREEN INTERVAL DEPTH	DEPTH TO WATER (feet)	PUMP TYPE OR BAILER
4	1/8"	13.93 ft. to 43.93 ft.	34.05	Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(43.93 ft. - 34.05 ft.) x 0.65 gal./ft. = 6.42 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
6.42 gallons x 3 = 19.27 gallons

PUMP DEPTH IN WELL (feet)	PURGING INITIATED AT	PURGING ENDED AT	TOTAL VOLUME PURGED (gallons)
39.05	0910	1020	7

EQUIPMENT INFORMATION	MAKE/MODEL	SERIAL #
WATER QUALITY METER	YSI	17C101605
OIL/WATER INTERFACE PROBE	Heron H.oil	01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0910	—	—	34.05	16.5	9.47	109.0	6.06	132.5	144.2	cloudy	None
0915	0.5	0.1	35.00	16.5	9.44	109.1	6.09	132.4	135.1	↓	↓
0920	1.0	0.1	35.15	16.6	9.31	109.1	6.09	132.4	123.9		
0925	1.5	0.1	35.17	16.5	9.35	109.1	6.09	132.4	134.0		
0930	2.0	0.1	34.95	16.7	9.29	108.0	6.09	143.9	112.8	↓	
0935	2.5	0.1	34.86	16.7	9.09	108.2	6.09	145.3	73.63	clear	
0940	3.0	0.1	34.82	16.9	8.91	108.4	6.09	146.7	49.50		
0945	3.5	0.1	34.80	17.0	8.85	108.8	6.09	146.6	43.94	↓	
0950	4.0	0.1	34.80	17.0	8.81	108.7	6.09	146.7	36.13		
0955	4.5	0.1	34.80	17.1	8.62	109.9	6.09	148.4	32.76		
1000	5.0	0.1	34.80	17.0	8.64	108.8	6.09	148.9	21.70		
1005	5.5	0.1	34.80	17.1	8.52	109.1	6.09	149.6	19.70		
1010	6.0	0.1	34.80	17.1	8.49	109.0	6.09	150.3	17.27		
1015	6.5	0.1	34.80	17.1	8.43	109.5	6.09	151.4	16.11		
1020	7.0	0.1	34.80	17.1	8.36	109.3	6.09	151.9	15.12	↓	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	SAMPLE TIME
Emilia Tarellas / AECOM	Emilia A. Tarellas	1020

PUMP OR TUBING DEPTH IN WELL (feet)	TUBING MATERIAL CODE	FIELD-FILTERED	FILTER SIZE
39.05	HDPE	Y (N) Filtration Equipment Type: --	-- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-14	4	AG	40 mL	HCl	40 mL x 4	6.09	6200	ESP	0.1
↓	3	AG	40 mL	HCl	40 mL x 3	↓	VPH	↓	↓
↓	1	PP	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-14D	DATE: 11/2/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 64.3 ft. to 74.3 ft.	DEPTH TO WATER (feet): 34.18	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(74.3 ft. - 34.18 ft.) x 0.163 gal./ft. = 6.5 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

6.5 gallons x 3 = 19.5 gallons

PUMP DEPTH IN WELL (feet): 71	PURGING INITIATED AT: 1020	PURGING ENDED AT: 1100	TOTAL VOLUME PURGED (gallons): 5.2

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro — SERIAL #: 13K100920

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil — SERIAL #: 01 · 8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1020	0.3		34.18	15.4	2.20	261.5	7.49	145.8	33.66	Clear	None
1025	0.9		34.19	16.1	0.76	269.4	7.82	133.8	30.11	"	"
1030	1.6		34.19	16.5	0.85	266.3	7.76	122.3	28.22	"	"
1035	2.1		34.20	16.4	1.64	249.8	7.55	115.4	23.22	"	"
1040	2.8		34.25	16.7	2.10	232.8	7.34	111.4	19.14	"	"
1045	3.3		34.25	16.4	2.09	229.4	7.30	111.0	15.11	"	"
1050	3.9		34.26	16.2	2.34	225.3	7.26	111.0	10.77	"	"
1055	4.5		34.26	16.5	2.24	226.7	7.24	110.8	6.46	"	"
1100	5.2		34.28	16.6	2.33	225.1	7.23	111.0	3.32	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1110
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-14D	4	AG	40 mL	HCl	40 mL x 4	7.23	6200	ESP	
"	3	AG	40 mL	HCl	40 mL x 3	"	VPH	"	
"	1	PP	250 mL	HNO_3	250 mL	"	Lead by 6010	"	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-15	DATE: 11/04/21
WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 27.01 ft. to 42.01 ft.	DEPTH TO WATER (feet): 36.00	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(42.01 ft. - 36.00 ft.) x 0.16 gal./ft. = 0.96 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

0.96 gallons x 3 = 2.88 gallons

PUMP DEPTH IN WELL (feet): 40.00	PURGING INITIATED AT: 1420	PURGING ENDED AT: 1455	TOTAL VOLUME PURGED (gallons): 1.6

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1420	0.2	0.2	36.45	15.0	8.21	1464	6.49	175.6	61.21		
1425	0.4		36.40	14.8	8.14	145.7	6.41	175.3	57.81		
1430	0.6		36.34	14.7	8.04	145.2	6.34	174.7	43.77		
1435	0.8		36.30	14.6	7.93	144.5	6.30	173.9	31.46		
1440	1.0		36.30	14.6	7.81	144.2	6.23	173.6	19.12		
1445	1.2		36.29	14.6	7.75	143.8	6.23	173.6	16.03		
1450	1.4		36.29	14.6	7.70	143.6	6.24	173.5	17.82		
1455	1.6		36.29	14.6	7.67	143.3	6.24	173.3	15.83		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1500
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	6.24	6200	ESP	0.2
	3	AG	40 mL	HCl	40 mL x 3	6.24	VPH	ESP	0.2
	1	PP	250 mL	HNO_3	250 mL	6.24	Lead by 6010	ESP	0.2

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-16	DATE: 11/05/21

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 14.17 ft. to 49.17 ft.	DEPTH TO WATER (feet): 35.25	PUMP TYPE OR BAILER: Monsoon XL

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(49.17 ft. - 35.25 ft.) x 0.65 gal./ft. = 9.05 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

9.05 gallons x 3 = 27.15 gallons

PUMP DEPTH IN WELL (feet): 42	PURGING INITIATED AT: 1350	PURGING ENDED AT: 1420	TOTAL VOLUME PURGED (gallons): 3.0

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba U-52; SERIAL #: 15C101916

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1400	1.0	0.1	36.09	18.3	2.45	134.0	6.00	23.2	159.3	Clear	none
1405	1.5		36.64	18.3	2.70	133.0	6.00	29.2	163.7		
1410	2.0		36.81	18.5	2.26	132.5	5.98	35.9	167.4		
1415	2.5		36.96	18.7	2.27	132.0	5.97	40.0	168.3		
1420	3.0		37.10	18.7	2.43	131.9	5.97	44.3	162.8		

Mike de Kozlowski 11/05/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1430

PUMP OR TUBING DEPTH IN WELL (feet): 42	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-16	4	AG	40 mL	HCl	40 mL x 4	5.97	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Cloudy, 50's

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-16D	DATE: 11/5/21
WELL DIAMETER (inches): 2	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 110 ft. to 130 ft.	DEPTH TO WATER (feet): 115.18	PUMP TYPE OR BAILER: Bladder P

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(_____ ft. - _____ ft.) x _____ gal./ft. = _____ gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet): 125	PURGING INITIATED AT: 1315	PURGING ENDED AT: 1345	TOTAL VOLUME PURGED (gallons): 3

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba — SERIAL #:

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.01 — SERIAL #:

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1315	0	0.1	115.18	17.14	10.95	1020	10.82	27	>1000	lt br	ND
1320	0.5		115.21	17.15	8.43	1070	10.90	15	>1000		
1325	1		115.23	17.11	6.91	1070	10.99	11	89.4		
1330	1.5		115.25	17.02	5.90	1080	10.89	1	365		
1335	2		115.27	17.07	5.91	1080	10.87	4	381		
1340	2.5		115.31	17.08	5.41	1080	10.87	3	374		
1345	3		115.35	17.09	5.45	1040	10.87	2	392		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jim Dimitrolt AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1350
PUMP OR TUBING DEPTH IN WELL (feet): 120	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N~~ (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4		6200		.
	3	AG	40 mL	HCl	40 mL x 3		VPH		.
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-17	DATE: 11/5/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 13.27 ft. to 53.27 ft.	DEPTH TO WATER (feet): 37.22	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(53.27 ft. - 37.22 ft.) x 0.65 gal./ft. = 10.4 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

10.4 gallons x 3 = 31.3 gallons

PUMP DEPTH IN WELL (feet): 43	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1145	TOTAL VOLUME PURGED (gallons): 4

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: ysi Pro+ SERIAL #: 18J100264	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron/H.01 SERIAL #: 01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1100	0	0.1	37.73	16.2	4.83	74.9	553	124.5	8.45	Clear	None
1105	0.5	0.1	37.75	18.4	2.06	81.6	5.48	120.1	4.50	Clear	None
1110	1	0.1	37.75	17.4	1.32	80.03	5.53	104.7	2.72	Clear	None
1115	1.5	0.1	37.79	16.8	0.94	77.8	5.58	85.0	1.30	Clear	None
1120	2	0.1	37.79	17.0	0.96	79.1	5.59	78.6	2.27	Clear	None
1125	2.5	0.1	37.79	17.5	1.02	79.3	5.60	77.5	2.49	Clear	None
1130	3	0.1	37.79	17.7	1.02	79.7	5.61	76.1	1.89	Clear	None
1135	3.5	0.1	37.79	17.6	1.04	79.8	5.61	75.9	2.32	Clear	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Erik Riggs / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1140

PUMP OR TUBING DEPTH IN WELL (feet): 43	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N (replaced)~~ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-17	4	AG	40 mL	HCl	40 mL x 4	5.61	6200	ESP	0.1
MW-17	3	AG	40 mL	HCl	40 mL x 3	5.61	VPH	ESP	0.1
MW-17	1	PP	250 mL	HNO_3	250 mL	5.61	Lead by 6010	ESP	0.1

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-19	DATE: 11/02/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/8"	WELL SCREEN INTERVAL DEPTH: 12.86 ft. to 37.86 ft.	DEPTH TO WATER (feet): 32.01	PUMP TYPE OR BAILER: Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(37.86 ft. - 32.01 ft.) x 0.65 gal./ft. = 3.80 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
3.80 gallons x 3 = 11.41 gallons

PUMP DEPTH IN WELL (feet): 37.01	PURGING INITIATED AT: 1020	PURGING ENDED AT: 1105	TOTAL VOLUME PURGED (gallons): 5.0

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil — SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1020	—	—	32.01	18.2	0.40	201.9	6.61	-51.0	120.3	Clear	None
1025	0.5	0.1	32.57	18.2	0.37	201.9	6.61	-51.0	92.72		
1030	1.0		32.92	18.4	0.33	201.9	6.61	-51.0	84.33		
1035	1.5		33.10	18.4	0.30	201.8	6.62	-50.9	80.49		
1040	2.0		37.82	18.2	0.14	199.1	6.60	-48.2	42.34		
1045	2.5		33.83	18.2	0.11	196.1	6.58	-46.6	19.81		
1050	3.0		33.83	18.3	0.11	194.1	6.56	-45.9	11.99		
1055	4.0		33.84	18.7	0.12	197.9	6.57	-46.6	8.99		
1100	4.5		33.84	18.7	0.12	198.5	6.58	-45.8	7.44		
1105	5.0	↓	33.85	18.6	0.15	197.9	6.57	-44.9	3.70	↓	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Emilia Tarellas / AECOM	SAMPLER(S) SIGNATURE(S): Emilia A. Tarellas	SAMPLE TIME: 1105

PUMP OR TUBING DEPTH IN WELL (feet): 37.01	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-19	4	AG	40 mL	HCl	40 mL x 4	6.57	6200	ESP	0.1
↓	3	AG	40 mL	HCl	40 mL x 3	↓	VPH	↓	↓
↓	1	PP	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-20	DATE: 11/3/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 35.07 ft. to 50.07 ft.	DEPTH TO WATER (feet): 45.32	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(50.07 ft. - 45.32 ft.) x 0.163 gal./ft. = 0.8 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

0.8 gallons x 3 = 2.4 gallons

PUMP DEPTH IN WELL (feet): 49	PURGING INITIATED AT: 1045	PURGING ENDED AT: 1120	TOTAL VOLUME PURGED (gallons): 3.0

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro; SERIAL #: 13K100920

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron/H.Oil; SERIAL #: 01.8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1045	0.1		41.32	16.1	4.73	142.3	6.43	78.9	564.5	Sl. Cloudy	None
1050	0.5		41.32	17.3	4.67	142.9	6.38	98.0	500.8	"	"
1055	1.0		41.32	17.8	4.93	143.6	6.37	104.8	468.4	"	"
1100	1.6		41.32	18.1	4.74	142.5	6.35	125.9	81.86	Clear	"
1105	1.9		41.31	17.5	4.81	140.4	6.35	134.1	69.00	"	"
1110	2.2		41.31	17.3	5.01	139.8	6.34	139.8	43.44	"	"
1115	2.6		41.31	17.5	4.85	140.7	6.33	140.1	10.11	"	"
1120	3.0		41.31	17.7	4.88	140.7	6.33	140.6	4.30	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1130

PUMP OR TUBING DEPTH IN WELL (feet): 49	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-20	4	AG	40 mL	HCl	40 mL x 4	6.33	6200	ESP	
"	3	AG	40 mL	HCl	40 mL x 3	"	VPH	"	
"	1	PP	250 mL	HNO_3	250 mL	"	Lead by 6010	"	
NA	3	AG	40 mL	HCl	40 mL x 3	—	8015	—	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-21	DATE: 11/02/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/8"	WELL SCREEN INTERVAL DEPTH: 18.08 ft. to 53.08 ft.	DEPTH TO WATER (feet): 31.78	PUMP TYPE OR BAILER: Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(53.08 ft. - 31.78 ft.) x 0.65 gal./ft. = 13.85 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
13.85 gallons x 3 = 41.54 gallons

PUMP DEPTH IN WELL (feet): 36.78	PURGING INITIATED AT: 1445	PURGING ENDED AT: 1530	TOTAL VOLUME PURGED (gallons): 4.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil — SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1445	—	—	31.78	18.4	9.75	166.2	6.50	114.4	0	clear	none
1450	0.5	0.1	32.35	18.5	9.34	166.6	6.50	124.5	0		
1455	1.0	0.1	32.52	18.6	9.00	167.4	6.49	133.0	0		
1500	1.5	0.1	32.55	18.7	8.73	167.8	6.48	137.8	0		
1505	2.0	0.1	32.57	18.8	8.44	168.3	6.47	140.9	0		
1510	2.5	0.1	32.63	18.9	8.28	168.8	6.47	142.4	0		
1515	3.0	0.1	32.65	18.9	8.10	169.1	6.47	143.9	0		
1520	3.5	0.1	32.67	18.9	7.94	169.4	6.47	145.6	0		
1525	4.0	0.1	32.66	18.9	7.75	169.5	6.47	146.4	0		
1530	4.5	0.1	32.66	18.9	7.74	169.7	6.47	148.2	0	↓	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Emilia Tarellas / AECOM	SAMPLER(S) SIGNATURE(S): Emilia A. Tarellas	SAMPLE TIME: 1530

PUMP OR TUBING DEPTH IN WELL (feet): 36.78	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-21	4	AG	40 mL	HCl	40 mL x 4	6.47	6200	ESP	0.1
↓	3	AG	40 mL	HCl	40 mL x 3	↓	VPH	↓	↓
↓	1	PP	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-23	DATE: 11/02/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 17.59 ft. to 47.59 ft.	DEPTH TO WATER (feet): 30.74	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(47.59 ft. - 30.74 ft.) x 0.16 gal./ft. = 2.70 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
2.70 gallons x 3 = 8.10 gallons

PUMP DEPTH IN WELL (feet): 35.74	PURGING INITIATED AT: 1245	PURGING ENDED AT: 1320	TOTAL VOLUME PURGED (gallons): 0.8

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1245	0.1	0.1	31.09	17.6	8.96	80.4	5.88	198.2	512.7		
1250	0.2		31.17	17.8	8.76	81.9	5.46	207.3	486.7		
1255	0.3		31.24	18.1	7.83	82.3	5.03	227.3	235.2		
1300	0.4		31.37	18.4	8.12	85.6	5.24	223.2	126.2		
1305	0.5		31.40	18.5	7.91	90.5	5.34	218.9	63.0		
1310	0.6		31.31	18.6	7.68	93.0	5.41	216.8	27.60		
1315	0.7		31.37	18.7	7.60	92.1	5.42	214.6	18.76		
1320	0.8		31.37	18.7	7.61	93.7	5.42	215.0	1.12		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1325
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	5.42	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3	5.42	VPH	ESP	"
	1	PP	250 mL	HNO_3	250 mL	5.42	Lead by 6010	ESP	"

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-25	DATE: 11/3/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 45.14 ft. to 60.14 ft.	DEPTH TO WATER (feet): 47.56	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(60.14 ft. - 47.56 ft.) x 0.163 gal./ft. = 2.1 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

2.1 gallons x 3 = 6.3 gallons

PUMP DEPTH IN WELL (feet): 57	PURGING INITIATED AT: 1250	PURGING ENDED AT: 1350	TOTAL VOLUME PURGED (gallons): 6.6

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI/Pro — SERIAL #: 13K100920

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron/H.Oil — SERIAL #: 01-8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1250	0.1		47.56	16.0	4.60	181.4	6.34	154.0	705.2	Cloudy	None
1255	0.7		47.59	16.2	3.90	185.6	6.33	152.7	738.9		
1300	1.3		47.60	16.6	4.40	183.3	6.32	157.9	713.0		
1305	1.8		47.60	16.8	4.09	184.4	6.32	161.2	651.5		
1310	2.3		47.60	16.8	3.76	182.3	6.33	162.0	588.1		
1315	2.8		47.60	17.0	3.71	183.6	6.33	163.9	542.6		
1320	3.3		47.60	17.0	3.71	183.0	6.32	165.2	636.1		
1325	3.8		47.60	16.8	3.81	183.3	6.31	166.9	715.0		
1330	4.4		47.60	16.9	3.63	183.6	6.32	165.8	627.2		
1335	5.0		47.60	16.9	3.87	182.9	6.31	166.5	684.8		
1340	5.6		47.60	17.1	3.75	184.7	6.31	167.1	792.3		
1345	6.1		47.60	17.2	3.76	185.1	6.31	166.8	899.8		
1350	6.6		47.60	17.3	3.73	185.3	6.31	166.7	1079		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1400
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-25	4	AG	40 mL	HCl	40 mL x 4	6.31	6200	ESP	
"	3	AG	40 mL	HCl	40 mL x 3	"	VPH	"	
"	1	PP	250 mL	HNO_3	250 mL	"	Lead by 6010	"	
NA	3	AG	40 mL	HCl	40 mL x 3	—	8015	—	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-25D	DATE: 11/04/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 113.71 ft. to 123.71 ft.	DEPTH TO WATER (feet): 53.41	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(123.71 ft. - 53.41 ft.) x 0.16 gal./ft. = 11.25 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

11.25 gallons x 3 = 33.75 gallons

PUMP DEPTH IN WELL (feet): 118	PURGING INITIATED AT: 0910	PURGING ENDED AT: 0955	TOTAL VOLUME PURGED (gallons): 3.375

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba U-52; SERIAL #: 15C101916

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0925	1.125	0.075	54.62	15.4	3.23	295.6	7.60	118.1	7.29	Clear	none
0930	1.5		54.84	15.4	2.73	295.6	7.59	113.2	4.62		
0935	1.875		55.21	15.3	2.40	295.1	7.53	107.1	3.54		
0940	2.25		55.51	15.5	2.19	292.3	7.45	105.4	2.34		
0945	2.625		55.73	15.6	2.12	283.5	7.39	105.8	2.08		
0950	3.0		55.91	15.6	2.13	279.2	7.34	107.0	3.24		
0955	3.375		56.01	15.7	2.16	279.4	7.28	107.5	4.21		

Mike de Kozlowski 11/04/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1005
PUMP OR TUBING DEPTH IN WELL (feet): 118	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-25D	4	AG	40 mL	HCl	40 mL x 4	7.28	6200	ESP	0.075
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Rainy, 50's

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-27	DATE: 11/03/21
WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 29.90 ft. to 44.90 ft.	DEPTH TO WATER (feet): 39.40	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(44.9 ft. - 39.4 ft.) x 0.16 gal./ft. = 0.88 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
0.88 gallons x 3 = 2.64 gallons

PUMP DEPTH IN WELL (feet): 43.00	PURGING INITIATED AT: 1140	PURGING ENDED AT: 1215	TOTAL VOLUME PURGED (gallons): 0.8

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1140	0.1	0.1	39.41	13.6	7.54	131.2	5.80	237.9	37.83		
1145	0.2		39.45	13.7	7.41	130.6	5.75	235.5	42.89		
1150	0.3		39.50	13.9	7.30	128.4	5.79	230.4	51.61		
1155	0.4		39.57	14.1	7.17	126.3	5.83	227.2	64.32		
1200	0.5		39.59	14.3	7.12	125.6	5.93	223.3	77.14		
1205	0.6		39.63	15.6	8.03	129.0	5.94	220.6	37.24		
1210	0.7		39.70	15.6	8.00	129.3	5.95	221.6	38.24		
1215	0.8		39.71	15.7	8.00	129.8	5.95	221.2	37.59		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1220
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	5.95	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3	5.95	VPH	ESP	1
	1	PP	250 mL	HNO_3	250 mL	5.95	Lead by 6010	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-28	DATE: 11/5/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 24.88 ft. to 39.88 ft.	DEPTH TO WATER (feet): 30.37	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(39.88 ft. - 30.37 ft.) x 0.16 gal./ft. = 1.5 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

1.5 gallons x 3 = 4.5 gallons

PUMP DEPTH IN WELL (feet): 36	PURGING INITIATED AT: 0910	PURGING ENDED AT: 1010	TOTAL VOLUME PURGED (gallons): 5.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: ysi pro+ — SERIAL #: 18J100264

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron/H.O.I — SERIAL #: 01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0912	0	0.1	30.75	15.0	4.56	150.1	7.25	136.7	364.3	Brown	None
0917	0.5	0.1	30.75	17.1	4.86	156.4	6.06	133.9	306.9	Brown	None
0922	1	0.1	30.75	17.3	4.58	158.1	6.06	128.6	116.4	Brown	None
0927	1.5	0.1	30.75	17.7	4.50	163.2	6.04	114.5	123.8	Brown	None
0932	2	0.1	30.75	17.6	4.38	162.6	6.04	113.3	73.31	Cloudy	None
0937	2.5	0.1	30.75	16.9	4.47	161.3	6.03	112.7	39.79	Cloudy	None
0942	3	0.1	30.75	16.9	4.31	163.2	6.02	112.7	31.50	Cloudy	None
0947	3.5	0.1	30.75	17.3	4.27	166.0	6.01	111.7	28.69	Cloudy	None
0952	4	0.1	30.75	17.1	4.35	165.6	6.01	111.6	27.03	Cloudy	None
0957	4.5	0.1	30.75	16.9	4.17	164.3	6.00	111.7	20.64	Cloudy	None
1002	5	0.1	30.75	16.9	4.30	163.9	6.01	111.8	16.37	Cloudy	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Erik Riggs / AEcom	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1005

PUMP OR TUBING DEPTH IN WELL (feet): 36	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N (replaced)~~ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-28	4	AG	40 mL	HCl	40 mL x 4	6.01	6200	ESP	0.1
MW-28	3	AG	40 mL	HCl	40 mL x 3	6.01	VPH	ESP	0.1
MW-28	1	PP	250 mL	HNO_3	250 mL	6.01	Lead by 6010	ESP	0.1

REMARKS: 3 well volumes purged, High turbidity.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-30	DATE: 11/04/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/8"	WELL SCREEN INTERVAL DEPTH: 34.01 ft. to 49.01 ft.	DEPTH TO WATER (feet): 32.38	PUMP TYPE OR BAILER: Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(49.01 ft. - 32.38 ft.) x 0.16 gal./ft. = 2.66 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
2.66 gallons x 3 = 7.98 gallons

PUMP DEPTH IN WELL (feet): 37.38	PURGING INITIATED AT: 1135	PURGING ENDED AT: 1210	TOTAL VOLUME PURGED (gallons): 30

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil — SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1135	—	—	32.38	14.7	6.54	133.6	6.10	127.8	136.4	cloudy	none
1140	0.5	0.1	34.54	15.3	6.17	135.4	6.09	119.7	29.04		
1145	0.5		34.67	15.6	6.13	136.5	6.10	118.7	12.57		
1150	1.0		34.69	15.7	5.87	137.5	6.11	121.2	9.83		
1155	1.5		34.69	15.7	5.88	135.5	6.10	121.2	6.94		
1200	2.0		34.72	15.6	5.97	137.2	6.11	121.9	5.44		
1205	2.5		34.72	15.7	5.98	137.9	6.11	123.3	4.88		
1210	3.0		34.73	15.7	5.99	137.8	6.11	123.5	4.35		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Emilia Tarellas / AECOM	SAMPLER(S) SIGNATURE(S): Emilia C. Tarellas	SAMPLE TIME: 1210

PUMP OR TUBING DEPTH IN WELL (feet): 37.39	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-30	4	AG	40 mL	HCl	40 mL x 4	6.11	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-31	DATE: 11/2/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 17.01 ft. to 47.01 ft.	DEPTH TO WATER (feet): 28.14	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(47.01 ft. - 28.14 ft.) x 0.65 gal./ft. = 12.27 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

12.27 gallons x 3 = 36.8 gallons

PUMP DEPTH IN WELL (feet): 34	PURGING INITIATED AT: 1400	PURGING ENDED AT: 1240	TOTAL VOLUME PURGED (gallons): 3.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: ysi pro+ — SERIAL #: 18J100264

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron/H.01 — SERIAL #: 01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1401	0	0.1	28.34	19.8	12.17	117.5	6.5	54.8	30.84	Cloudy	None
1406	0.5	0.1	28.34	19.4	9.18	118.5	5.85	78.9	2.13	Clear	None
1411	1	0.1	28.34	19.3	8.94	118.4	5.83	83.7	1.03	Clear	None
1416	1.5	0.1	28.34	19.4	8.63	119.1	5.81	87.6	0.97	Clear	None
1421	2	0.1	28.34	19.7	8.49	120.3	5.79	91.6	0.92	Clear	None
1426	2.5	0.1	28.34	19.6	8.51	120.1	5.78	91.8	0.71	Clear	None
1431	3.0	0.1	28.34	19.6	8.42	120.2	5.78	92.0	0.83	Clear	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Erik Riegel / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1435

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N~~ (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-31	4	AG	40 mL	HCl	40 mL x 4	5.78	6200	ESP	0.1
MW-31	3	AG	40 mL	HCl	40 mL x 3	5.78	VPH	ESP	0.1
MW-31	1	PP	250 mL	HNO_3	250 mL	5.78	Lead by 6010	ESP	0.1

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-31D	DATE: 11/02/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 55 ft. to 70 ft.	DEPTH TO WATER (feet): 22.79	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(70 ft. - 22.79 ft.) x 0.16 gal./ft. = 7.55 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

7.55 gallons x 3 = 22.65 gallons

PUMP DEPTH IN WELL (feet): 62	PURGING INITIATED AT: 0855	PURGING ENDED AT: 0930	TOTAL VOLUME PURGED (gallons): 3.0

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: Horiba U-52 SERIAL #: 15C101916	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron H.Oil SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0905	0.5	0.1	22.84	17.1	3.44	179.1	6.60	66.4	18.79	Clear	none
0910	1.0		22.87	17.1	3.92	167.0	6.48	78.8	14.63		
0915	1.5		22.89	17.1	4.49	158.9	6.36	91.8	12.11		
0920	2.0		22.90	17.4	4.73	156.7	6.33	97.1	9.81		
0925	2.5		22.90	17.2	4.70	154.7	6.32	103.4	9.21		
0930	3.0		22.90	17.3	4.72	154.5	6.30	106.7	9.12		

Mike de Kozlowski 11/02/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 0940

PUMP OR TUBING DEPTH IN WELL (feet): 62	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-31D	4	AG	40 mL	HCl	40 mL x 4	6.30	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Sunny, 60's

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION:	PROJECT NUMBER:	WELL NAME:	DATE:
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-32	11/3/21

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	DEPTH TO WATER (feet):	PUMP TYPE OR BAILER:
2	3/8	23.03 ft. to 38.03 ft.	17.84	Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(38.03 ft. - 17.84 ft.) x 0.16 gal./ft. = 3.2 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

3.2 gallons x 3 = 9.7 gallons

PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
25	1244	1410	8

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL:	SERIAL #:
	ysi pro+	18J100264

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL:	SERIAL #:
	Heron/H.O.1	01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1245	0	0.1	18.31	15.3	9.64	112.1	5.96	135.3	>1100	Brown	None
1250	0.5	0.1	18.31	15.7	8.99	113.0	5.94	133.7	>1100	Brown	None
1255	1	0.1	18.31	15.4	8.57	112.7	5.91	129.9	762.5	Brown	None
1300	1.5	0.1	18.31	16.0	8.19	114.6	5.92	128.3	423.1	Brown	None
1305	2	0.1	18.31	15.9	7.98	115.7	5.93	126.5	291.4	Brown	None
1310	2.5	0.1	18.31	15.8	7.75	114.3	5.95	124.0	127.0	Brown	None
1315	3	0.1	18.31	15.9	7.66	114.0	5.92	125.0	213.9	Brown	None
1320	3.5	0.1	18.31	16.2	7.54	115.6	5.92	123.2	170.5	Brown	None
1325	4	0.1	18.31	16.1	7.38	115.4	5.92	123.2	102.8	Brown	None
1330	4.5	0.1	18.31	16.0	7.12	115.2	5.93	123.3	67.31	Cloudy	None
1335	5	0.1	18.31	16.3	6.99	115.8	5.92	123.1	64.74	Cloudy	None
1340	5.5	0.1	18.31	16.0	6.84	115.1	5.94	123.5	43.46	Cloudy	None
1345	6.0	0.1	18.31	16.0	6.75	115.1	5.94	123.6	36.08	Cloudy	None
1350	6.5	0.1	18.31	15.9	6.74	114.8	5.94	124.1	27.02	Cloudy	None
1355	7	0.1	18.31	15.9	6.48	114.8	5.93	124.7	26.24	Cloudy	None
1400	7.5	0.1	18.31	15.9	6.46	114.6	5.94	124.9	28.02	Cloudy	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME:
Erik Riegel / AECOM		1405

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm
25	LDPE		

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N (replaced)~~ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-32	4	AG	40 mL	HCl	40 mL x 4	5.94	6200	ESP	0.1
MW-32	3	AG	40 mL	HCl	40 mL x 3	5.94	VPH	ESP	0.1
MW-32	1	PP	250 mL	HNO_3	250 mL	5.94	Lead by 6010	ESP	0.1

REMARKS: The well tag has TD@25'. measure the Toc@28'.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-33	DATE: 11/3/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 13.00 ft. to 28.00 ft.	DEPTH TO WATER (feet): 15.20	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(28.00 ft. - 15.20 ft.) x 0.16 gal./ft. = 2.1 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

2.1 gallons x 3 = 6.1 gallons

PUMP DEPTH IN WELL (feet): 21	PURGING INITIATED AT: 1039	PURGING ENDED AT: 1150	TOTAL VOLUME PURGED (gallons): 6.5

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: ysi pro+ SERIAL #: 18J100264	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron/H.O.I SERIAL #: 01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1040	0	0.1	15.55	14.6	5.93	98.6	6.14	128.6	67.35	Cloudy	None
1045	0.5	0.1	15.55	15.1	4.88	99.9	6.03	132.0	41.41	Cloudy	None
1050	1	0.1	15.55	15.0	4.75	99.6	6.02	132.7	22.57	Cloudy	None
1055	1.5	0.1	15.55	15.6	5.04	101.1	6.03	132.3	14.36	Clear	None
1100	2	0.1	15.55	15.6	5.28	101.2	6.02	132.2	17.08	Clear	None
1105	2.5	0.1	15.55	15.5	5.12	100.9	6.03	131.7	14.39	Clear	None
1110	3	0.1	15.55	15.6	5.02	101.1	6.03	131.1	14.30	Clear	None
1115	3.5	0.1	15.55	15.3	4.96	100.2	6.04	131.3	7.04	Clear	None
1120	4	0.1	15.55	15.4	4.77	100.6	6.05	131.4	7.31	Clear	None
1125	4.5	0.1	15.55	15.2	4.72	100.2	6.05	131.6	5.99	Clear	None
1130	5	0.1	15.55	15.4	4.75	100.2	6.06	131.9	2.82	Clear	None
1135	5.5	0.1	15.55	15.7	4.94	101.1	6.06	132.1	2.03	Clear	None
1140	6.0	0.1	15.55	15.7	4.92	101.2	6.05	132.0	1.97	Clear	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Erik Riegel / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1145

PUMP OR TUBING DEPTH IN WELL (feet): 21	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N (replaced)~~ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-33	4	AG	40 mL	HCl	40 mL x 4	6.05	6200	ESP	0.1
MW-33	3	AG	40 mL	HCl	40 mL x 3	6.05	VPH	ESP	0.1
MW-33	1	PP	250 mL	HNO_3	250 mL	6.05	Lead by 6010	ESP	0.1

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-34	DATE: 11/3/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 7.89 ft. to 22.89 ft.	DEPTH TO WATER (feet): 12.86	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(22.89 ft. - 12.86 ft.) x 0.16 gal./ft. = 1.6 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

1.6 gallons x 3 = 4.8 gallons

PUMP DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 0850	PURGING ENDED AT: 0950	TOTAL VOLUME PURGED (gallons): 5.5

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: ysi pro+ SERIAL #: 18J100264	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron/H.O.I SERIAL #: 01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0851	0	0.1	13.48	15.7	5.28	105.3	6.19	136.9	51.73	Cloudy	None
0856	0.5	0.1	13.48	15.8	3.79	105.5	6.00	131.0	36.90	Cloudy	None
0901	1	0.1	13.48	16.1	4.11	106.4	5.95	128.2	47.87	Cloudy	None
0906	1.5	0.1	13.48	16.1	4.00	106.4	5.96	126.2	33.25	Cloudy	None
0911	2	0.1	13.48	16.2	4.07	106.9	5.96	121.2	19.05	Clear	None
0916	2.5	0.1	13.48	16.0	4.04	106.3	5.98	120.4	17.65	Clear	None
0921	3	0.1	13.48	15.9	4.01	105.9	5.98	118.8	14.10	Clear	None
0926	3.5	0.1	13.48	16.4	4.14	106.3	5.98	117.8	6.84	Clear	None
0931	4	0.1	13.48	16.2	3.96	108.3	5.98	115.9	4.82	Clear	None
0936	4.5	0.1	13.48	16.3	4.03	108.1	5.98	115.7	3.66	Clear	None
0941	5	0.1	13.48	16.2	3.91	108.1	5.98	115.8	2.11	Clear	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Erik Riegel / AEcom	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 0945

PUMP OR TUBING DEPTH IN WELL (feet): 18	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N (replaced)~~ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-34	4	AG	40 mL	HCl	40 mL x 4	5.98	6200	ESP	0.1
MW-34	3	AG	40 mL	HCl	40 mL x 3	5.98	VPH	ESP	0.1
MW-34	1	PP	250 mL	HNO_3	250 mL	5.98	Lead by 6010	ESP	0.1

REMARKS: 3 well volumes purged

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-35	DATE: 11/4/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 25.08 ft. to 40.08 ft.	DEPTH TO WATER (feet): 29.30	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(40.08 ft. - 29.30 ft.) x 0.163 gal./ft. = 1.8 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

1.8 gallons x 3 = 5.4 gallons

PUMP DEPTH IN WELL (feet): 37	PURGING INITIATED AT: 1100	PURGING ENDED AT: 1200	TOTAL VOLUME PURGED (gallons): 5.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI / Pro — SERIAL #: 13K100920

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron / H.Oil — SERIAL #: 01.8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1100	0.2		29.30	14.8	6.71	138.6	6.34	181.2	675.7	Sl.Cloudy	None
1105	0.6		29.30	15.3	6.41	139.7	6.32	185.1	625.8	"	"
1110	1.0		29.31	15.5	6.24	140.9	6.32	186.2	510.6	"	"
1115	1.5		29.30	14.8	6.09	137.7	6.31	189.6	372.2	"	"
1120	1.9		29.30	15.2	6.05	140.5	6.32	187.8	241.0	"	"
1125	2.3		29.31	15.5	5.97	140.3	6.32	188.6	189.2	Clear	"
1130	2.8		29.31	15.5	6.42	140.6	6.31	188.7	125.7	"	"
1135	3.2		29.31	15.5	6.19	140.6	6.31	189.4	48.17	"	"
1140	3.7		29.30	15.5	6.02	140.8	6.31	189.9	38.60	"	"
1145	4.2		29.30	15.6	6.00	140.8	6.31	190.6	19.42	"	"
1150	4.6		29.30	15.6	6.09	140.9	6.31	190.8	10.11	"	"
1155	5.0		29.30	15.8	6.08	141.2	6.31	191.3	4.72	"	"
1200	5.5		29.31	15.8	6.11	141.1	6.31	190.8	1.63	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. DicKey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1210

PUMP OR TUBING DEPTH IN WELL (feet): 37	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-35	4	AG	40 mL	HCl	40 mL x 4		6200	ESP	
"	3	AG	40 mL	HCl	40 mL x 3		VPH	"	
"	1	PP	250 mL	HNO_3	250 mL		Lead by 6010	"	
NA	3	AG	40 mL	HCl	40 mL x 3	—	8015	—	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-36	DATE: 11/4/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 30.04 ft. to 45.04 ft.	DEPTH TO WATER (feet): 31.93	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(45.04 ft. - 31.93 ft.) x 0.163 gal./ft. = 2.1 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

2.1 gallons x 3 = 6.3 gallons

PUMP DEPTH IN WELL (feet): 42	PURGING INITIATED AT: 0905	PURGING ENDED AT: 1010	TOTAL VOLUME PURGED (gallons): 6.5

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: YSI / Pro	SERIAL #: 13K100920
EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron / H.oil	SERIAL #: 01-8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0905	0.3		31.93	15.3	6.29	113.3	6.49	168.0	966.1	Cloudy	None
0910	0.8		31.99	15.6	6.18	112.3	6.48	167.6	515.7		
0915	1.4		32.01	15.3	6.39	111.8	6.45	170.6	481.7		
0920	2.0		32.01	15.5	6.20	110.7	6.43	171.5	344.4		
0925	2.5		32.01	15.7	6.14	109.0	6.42	170.1	291.5	Clear	
0930	2.9		32.00	15.6	6.04	109.2	6.40	173.9	284.0		
0935	3.4		32.00	15.7	5.95	108.2	6.40	173.3	296.5		
0940	3.8		32.00	15.8	5.93	110.6	6.40	174.4	273.5		
0945	4.2		32.00	15.4	5.79	112.5	6.39	178.9	200.7		
0950	4.6		32.00	15.5	5.83	110.8	6.40	177.8	143.0		
0955	5.0		32.00	15.8	5.90	110.2	6.41	174.7	117.6		
1000	5.5		32.01	15.8	5.77	110.7	6.41	174.7	36.12		
1005	6.0		32.01	15.9	5.79	111.5	6.40	175.3	32.02		
1010	6.5		32.00	15.9	5.83	112.1	6.40	175.6	40.47		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1020
PUMP OR TUBING DEPTH IN WELL (feet): 42	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-36	4	AG	40 mL	HCl	40 mL x 4	6.40	6200	ESP	
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		
NA	3	AG	40 mL	HCl	40 mL x 3	—	8015	—	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-36DR	DATE: 11/04/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 114 ft. to 134 ft.	DEPTH TO WATER (feet): 28.54	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(134 ft. - 28.54 ft.) x 0.16 gal./ft. = 16.87 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

16.87 gallons x 3 = 50.61 gallons

PUMP DEPTH IN WELL (feet): 120	PURGING INITIATED AT: 1440	PURGING ENDED AT: 1545	TOTAL VOLUME PURGED (gallons): 1.69

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: Horiba U-52 SERIAL #: 15C101916	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron H.Oil SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1455	0.39	0.026	33.16	14.0	0.52	229.8	7.53	-87.3	4.28	Clear	none
1500	0.52		34.05	14.0	0.47	229.3	7.53	-89.5	3.59		
1505	0.65		34.81	14.0	0.47	228.9	7.52	-89.7	3.28		
1510	0.78		35.53	13.9	0.48	228.7	7.50	-90.6	2.86		
1515	0.91		36.00	13.9	0.47	228.6	7.49	-91.1	3.12		
1520	1.04		36.82	13.8	0.47	228.3	7.48	-90.9	2.63		
1525	1.17		37.34	13.8	0.48	228.1	7.48	-90.2	2.54		
1530	1.30		37.92	13.7	0.46	227.8	7.47	-89.1	2.13		
1535	1.43		38.68	13.6	0.47	227.3	7.46	-87.3	1.87		
1540	1.56		39.32	13.6	0.48	227.1	7.45	-85.7	2.16		
1545	1.69		40.01	13.6	0.48	227.0	7.45	-86.2	2.08		

Mike de Kozlowski 11/04/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1555
PUMP OR TUBING DEPTH IN WELL (feet): 120	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-36DR	4	AG	40 mL	HCl	40 mL x 4	7.45	6200	ESP	0.075
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Rainy, 50's All parameters stabilized but water level continued to drop at lowest flow rate.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-41	DATE: 11/3/21
WELL DIAMETER (inches): 2	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 53 ft. to 68 ft.	DEPTH TO WATER (feet): 57.48	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(_____ ft. - _____ ft.) x _____ gal./ft. = _____ gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet): 60	PURGING INITIATED AT: 1450	PURGING ENDED AT: 1530	TOTAL VOLUME PURGED (gallons): 4

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba — SERIAL #:

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.01 — SERIAL #:

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1450	0	0.10	57.48	16.97	9.89	156	6.37	225	>1000	Brown	NO
1455	0.5		57.51	17.41	9.74	161	6.31	233	>1000		
1500	1		57.54	17.76	9.65	165	6.28	237	>1000		
1505	1.5		57.54	18.01	9.48	166	6.25	240	>1000		
1510	2		57.53	18.17	9.39	168	6.23	241	838		
1515	2.5		57.55	18.10	9.20	170	6.20	240	792		
1520	3		57.52	18.02	9.06	172	6.19	238	694		
1525	3.5		57.53	18.05	9.11	172	6.18	239	700		
1530	4		57.54	18.04	9.12	171	6.19	239	703		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jim Dimitrolt AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1535
PUMP OR TUBING DEPTH IN WELL (feet): 60	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-42	DATE: 11/01/21

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 10.90 ft. to 50.90 ft.	DEPTH TO WATER (feet): 43.36	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(50.90 ft. - 43.66 ft.) x 0.65 gal./ft. = 4.71 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

4.71 gallons x 3 = 14.13 gallons

PUMP DEPTH IN WELL (feet): 48.36	PURGING INITIATED AT: 1250	PURGING ENDED AT: 1320	TOTAL VOLUME PURGED (gallons): 1.4

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: YSI Pro Plus	SERIAL #: 15C101918
EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron IFP 100'	SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1250	0.2	0.2	43.89	17.4	5.21	309.8	5.87	101.6	213.2		
1255	0.4		43.93	17.4	5.06	308.4	5.89	103.4	187.9		
1300	0.6		44.01	17.5	4.77	308.1	5.92	105.7	163.8		
1305	0.8		44.05	17.5	4.29	307.5	5.97	108.6	103.9		
1310	1.0		44.00	17.5	4.25	307.5	5.99	108.8	99.4		
1315	1.2		43.97	17.6	4.24	307.3	5.99	108.8	95.2		
1320	1.4		43.95	17.6	4.20	299.7	6.00	112.7	92.49		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1325

PUMP OR TUBING DEPTH IN WELL (feet): 48.36	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	6.00	6200	ESP	0.2
	3	AG	40 mL	HCl	40 mL x 3	6.00	VPH	ESP	
	1	PP	250 mL	HNO_3	250 mL	6.00	Lead by 6010	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-43	DATE: 11/03/21

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 15.22 ft. to 50.22 ft.	DEPTH TO WATER (feet): 40.68	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(50.22 ft. - 40.68 ft.) x 0.65 gal./ft. = 6.20 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

6.20 gallons x 3 = 18.60 gallons

PUMP DEPTH IN WELL (feet): 45.68	PURGING INITIATED AT: 1415	PURGING ENDED AT: 1425	TOTAL VOLUME PURGED (gallons): 1.2

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: YSI Pro Plus	SERIAL #: 15C101918
EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron IFP 100'	SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1405	0.2	0.2	41.0	16.0	6.63	147.6	5.81	207.9	8.72		
1410	0.4		40.93	16.2	6.74	149.14	5.76	217.6	0.56		
1415	0.6		40.90	16.0	6.28	149.2	5.85	220.1	1.23		
1420	0.8		40.89	16.0	6.20	149.1	5.85	222.6	0.20		
1425	1.0		40.87	16.0	6.17	149.0	5.85	223.1	0.12		
1430	1.2		40.86	16.0	6.14	148.8	5.85	223.5	0.15		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1430
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
	4	AG	40 mL	HCl	40 mL x 4	5.85	6200	ESP	0.2
	3	AG	40 mL	HCl	40 mL x 3	5.85	VPH	ESP	
	1	PP	250 mL	HNO_3	250 mL	5.85	Lead by 6010	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-44	DATE: 11/02/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: 14.85 ft. to 34.85 ft.	DEPTH TO WATER (feet): 33.02	PUMP TYPE OR BAILER: Bailer

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(34.85 ft. - 33.02 ft.) x 0.65 gal./ft. = 1.19 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
1.19 gallons x 3 = 3.57 gallons

PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT: 0855	PURGING ENDED AT: 0940	TOTAL VOLUME PURGED (gallons): 3.57

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: — SERIAL #:

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0902	1.19	—	—	14.9	4.38	196.8	7.54	97.4	193.6	cloudy	none
0921	2.38	—	—	15.6	4.73	192.6	7.33	91.2	346.4	↓	↓
0940	3.57	—	—	15.9	4.94	197.9	6.72	95.5	240.0	↓	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Emilia Tarellas / AECOM	SAMPLER(S) SIGNATURE(S): Emilia C. Tarellas	SAMPLE TIME: 0940

PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-44	4	AG	40 mL	HCl	40 mL x 4	6.72	6200	ESP	N/A
↓	3	AG	40 mL	HCl	40 mL x 3	↓	VPH	↓	↓
↓	1	PP	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION	PROJECT NUMBER	WELL NAME	DATE
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-45	11/01/21

WELL DIAMETER (inches)	TUBING DIAMETER (inches)	WELL SCREEN INTERVAL DEPTH	DEPTH TO WATER (feet)	PUMP TYPE OR BAILER
4	1/8"	12.84 ft. to 52.84 ft.	39.17	Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(52.84 ft. - 39.17 ft.) x 0.65 gal./ft. = 8.89 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
8.89 gallons x 3 = 26.66 gallons

PUMP DEPTH IN WELL (feet)	PURGING INITIATED AT	PURGING ENDED AT	TOTAL VOLUME PURGED (gallons)
44.17	1340	1445	6.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil — SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1340	—	—	39.17	19.1	6.92	457.6	6.41	189.5	755.0	Brown	None
1345	0.5	0.1	39.64	18.2	6.78	458.5	6.41	188.5	482.0	↓	
1350	1.0	0.1	39.75	18.7	6.29	459.9	6.39	169.2	421.7	↓	
1355	1.5	0.1	39.88	18.9	6.00	457.3	6.39	148.3	420.9	Cloudy	
1400	2.0	0.1	39.80	19.7	5.67	462.3	6.41	146.0	362.2	↓	
1405	2.5	0.1	39.80	19.8	5.71	457.0	6.41	147.8	405.7	↓	
1410	3.0	0.1	39.80	19.3	5.55	446.1	6.42	135.6	295.0	↓	
1415	3.5	0.1	39.80	18.7	5.71	436.6	6.43	128.2	126.4	↓	
1420	4.0	0.1	39.80	18.7	5.71	434.7	6.43	127.2	80.70	Clear	
1425	4.5	0.1	39.80	18.6	5.72	433.2	6.40	126.4	127.3	↓	
1430	5.0	0.1	39.80	18.6	5.67	429.5	6.40	123.6	99.78	↓	
1435	5.5	0.1	39.80	18.5	5.71	429.3	6.40	124.0	97.10	↓	
1440	6.0	0.1	39.80	18.7	5.77	428.3	6.43	124.0	95.10	↓	
1445	6.5	0.1	39.80	18.5	5.75	428.7	6.40	123.6	93.9	↓	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	SAMPLE TIME
Emilia Tsirellas / AECOM	Emilia C. Tsirellas	1445

PUMP OR TUBING DEPTH IN WELL (feet)	TUBING MATERIAL CODE	FIELD-FILTERED: Y (N)	FILTER SIZE: -- µm
44.17	HDPE	Filtration Equipment Type: --	

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-45	4	AG	40 mL	HCl	40 mL x 4	6.40	6200	ESP	0.1
↓	3	AG	40 mL	HCl	40 mL x 3	↓	VPH	↓	↓
↓	1	PP	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-46	DATE: 11/2/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 33.2 ft. to 43.2 ft.	DEPTH TO WATER (feet): 36.11	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(43.2 ft. - 36.11 ft.) x 0.65 gal./ft. = 4.6 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
4.6 gallons x 3 = 13.8 gallons

PUMP DEPTH IN WELL (feet): 41	PURGING INITIATED AT: 1330	PURGING ENDED AT: 1405	TOTAL VOLUME PURGED (gallons): 4.2

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI/Pro — SERIAL #: 13K100920

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron/H.Oil — SERIAL #: 01.8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1330	0.2		36.11	17.5	4.30	200.2	6.22	150.3	91.24	Clear	None
1335	0.7		36.11	17.8	3.87	202.3	6.22	151.3	76.03	"	"
1340	1.2		36.11	18.1	3.46	203.8	6.22	151.7	59.69	"	"
1345	1.8		36.11	18.2	3.32	203.1	6.22	152.1	47.43	"	"
1350	2.4		36.11	18.4	3.16	203.3	6.22	152.4	25.90	"	"
1355	3.0		36.11	18.2	3.39	202.8	6.21	152.6	11.07	"	"
1400	3.6		36.11	18.3	3.42	201.9	6.21	152.8	4.99	"	"
1405	4.2		36.11	18.4	3.43	202.3	6.21	152.4	1.75	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1415
PUMP OR TUBING DEPTH IN WELL (feet): 41	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-46	4	AG	40 mL	HCl	40 mL x 4	6.21	6200	ESP	
"	3	AG	40 mL	HCl	40 mL x 3	"	VPH	"	
"	1	PP	250 mL	HNO_3	250 mL	"	Lead by 6010	"	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION	PROJECT NUMBER	WELL NAME	DATE
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-49	11/01/21

WELL DIAMETER (inches)	TUBING DIAMETER (inches)	WELL SCREEN INTERVAL DEPTH	DEPTH TO WATER (feet)	PUMP TYPE OR BAILER
4	1/8"	14.58 ft. to 54.58 ft.	37.14	Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(54.58 ft. - 37.14 ft.) x 0.65 gal./ft. = 11.34 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
11.34 gallons x 3 = 34.01 gallons

PUMP DEPTH IN WELL (feet)	PURGING INITIATED AT	PURGING ENDED AT	TOTAL VOLUME PURGED (gallons)
42.14	1630	1705	3.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI; SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil; SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1630	—	—	37.14	20.3	7.27	252.5	6.26	140.2	113.7	cloudy	NOM
1635	0.5	0.1	38.22	20.3	7.30	252.9	6.26	140.2	100.1		
1640	1.0		38.46	20.4	7.30	253.1	6.26	140.2	87.23		
1645	1.5		38.62	20.4	7.32	253.2	6.25	140.2	85.98		
1650	2.0		38.62	20.4	7.29	253.3	6.25	140.2	89.53		
1655	2.5			20.9	6.85	260.5	6.21	140.6	91.59		
1700	3.0			21.0	6.83	260.4	6.29	141.0	92.75		
1705	3.5			21.4	6.84	258.8	6.28	142.6	91.33		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	SAMPLE TIME
Emilia Tarellas / AECOM	Emilia C. Tarellas	1705

PUMP OR TUBING DEPTH IN WELL (feet)	TUBING MATERIAL CODE	FIELD-FILTERED: Y (N)	FILTER SIZE: -- µm
42.14	HDPE	Filtration Equipment Type: --	

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW49	4	AG	40 mL	HCl	40 mL x 4	6.28	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-50	DATE: 11/2/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 16.75 ft. to 56.75 ft.	DEPTH TO WATER (feet): 41.21	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(56.75 ft. - 41.21 ft.) x 0.65 gal./ft. = 10.1 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

10.1 gallons x 3 = 30.3 gallons

PUMP DEPTH IN WELL (feet): 54	PURGING INITIATED AT: 1150	PURGING ENDED AT: 1235	TOTAL VOLUME PURGED (gallons): 5.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro; SERIAL #: 13K100926

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron / H.Oil; SERIAL #: 01.8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1150	0.2		41.21	16.4	4.79	145.8	6.36	97.8	9.24	Clear	None
1155	0.8		41.23	16.7	2.34	144.4	6.30	98.7	8.50		
1200	1.3		41.23	16.8	2.03	144.7	6.30	101.5	7.12		
1205	1.9		41.23	17.0	1.78	145.6	6.29	103.6	7.05		
1210	2.5		41.23	17.2	1.60	146.0	6.29	103.9	6.95		
1215	3.0		41.23	17.3	1.35	146.5	6.29	104.9	6.82		
1220	3.6		41.23	17.1	1.41	145.6	6.29	105.8	6.03		
1225	4.2		41.24	17.4	1.33	146.8	6.29	107.6	4.92		
1230	4.8		41.25	17.3	1.28	146.9	6.29	107.8	4.51		
1235	5.5		41.25	17.4	1.30	146.7	6.29	108.0	3.90		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1245
PUMP OR TUBING DEPTH IN WELL (feet): 54	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-50	4	AG	40 mL	HCl	40 mL x 4	6.29	6200	ESP	
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS: Duplicate: DUP-1-20211102 collected.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION	PROJECT NUMBER	WELL NAME	DATE
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-51	11/01/21

WELL DIAMETER (inches)	TUBING DIAMETER (inches)	WELL SCREEN INTERVAL DEPTH	DEPTH TO WATER (feet)	PUMP TYPE OR BAILER
4	1/8"	20.97 ft. to 50.97 ft.	41.19	Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(50.97 ft. - 41.19 ft.) x 0.65 gal./ft. = 6.36 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

6.36 gallons x 3 = 19.07 gallons

PUMP DEPTH IN WELL (feet)	PURGING INITIATED AT	PURGING ENDED AT	TOTAL VOLUME PURGED (gallons)
46.19	1110	1210	6.0

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil — SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1110	—	—	41.8	12.6	8.37	251.7	6.30	118.9	315.2	Cloudy	None
1115	0.5	0.1	42.0	18.6	8.34	251.7	6.30	118.8	287.9		
1120	1.0	0.1	42.06	18.8	8.15	253.1	6.29	108.7	342.3		
1125	1.5	0.1	42.68	18.7	8.06	252.6	6.29	108.0	143.9		
1130	2.0	0.1	42.86	18.9	3.39	253.1	6.29	114.7	112.0		
1135	2.5	0.1	42.87	18.8	3.40	252.3	6.30	111.4	91.23		
1140	3.0	0.1	42.87	18.9	3.52	252.9	6.31	114.3	75.11		
1145	3.5	0.1	42.86	18.8	3.38	252.6	6.33	114.3	92.89		
1150	4.0	0.1	42.86	19.3	3.22	254.4	6.31	113.5	100.1		
1155	4.5	0.1	42.86	19.1	3.34	253.8	6.31	113.6	98.38		
1200	5.0	0.1	42.86	19.4	3.74	253.7	6.33	111.3	97.3		
1205	5.5	0.1	42.87	19.6	3.80	254.1	6.33	111.6	100.1		
1210	6.0	0.1	42.87	19.6	3.76	253.8	6.32	112.1	102.6		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	SAMPLE TIME
Emilia Tarellas / AECOM	Emilia A. Tarellas	1210

PUMP OR TUBING DEPTH IN WELL (feet)	TUBING MATERIAL CODE	FIELD-FILTERED: Y (N)	FILTER SIZE: -- µm
46.19	HDPE	Filtration Equipment Type: --	

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-51	4	AG	40 mL	HCl	40 mL x 4	6.32	6200	ESP	0.1
↓	3	AG	40 mL	HCl	40 mL x 3	↓	VPH	↓	↓
↓	1	PP	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-52	DATE: 11/04/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/8"	WELL SCREEN INTERVAL DEPTH: 26.98 ft. to 56.98 ft.	DEPTH TO WATER (feet): 37.85	PUMP TYPE OR BAILER: Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(56.98 ft. - 37.85 ft.) x 0.65 gal./ft. = 12.43 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

12.43 gallons x 3 = 37.30 gallons

PUMP DEPTH IN WELL (feet): 42.85	PURGING INITIATED AT: 1050	PURGING ENDED AT: 1130	TOTAL VOLUME PURGED (gallons): 4.0

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil — SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1050	—	—	37.95	13.2	0.35	158.4	6.50	-41.4	2.05	clear	none
1055	0.5	0.1	38.16	14.2	0.32	170.1	6.54	-64.5	2.68		
1100	1.0		38.19	14.4	0.32	173.2	6.54	-68.1	2.88		
1105	1.5		38.24	14.7	0.28	176.2	6.55	-73.5	1.74		
1110	2.0		38.25	15.1	0.22	178.1	6.56	-78.9	0.55		
1115	2.5		38.25	14.9	0.20	177.1	6.56	-79.9	0		
1120	3.0		38.26	14.9	0.19	176.3	6.56	-80.2	0		
1125	3.5		36.27	14.9	0.20	171.4	6.56	-80.2	0		
1130	4.0		36.27	15.1	0.20	176.6	6.56	-80.4	0		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Emilia Tarellas / AECOM	SAMPLER(S) SIGNATURE(S): Emilia A. Tarellas	SAMPLE TIME: 1130

PUMP OR TUBING DEPTH IN WELL (feet): 42.85	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-52	4	AG	40 mL	HCl	40 mL x 4	6.51	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-53	DATE: 11/03/21
WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 42.99 ft. to 62.99 ft.	DEPTH TO WATER (feet): 32.25	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(62.99 ft. - 32.25 ft.) x 0.65 gal./ft. = 19.98 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
19.98 gallons x 3 = 59.94 gallons

PUMP DEPTH IN WELL (feet): 47.25	PURGING INITIATED AT: 940	PURGING ENDED AT: 1005	TOTAL VOLUME PURGED (gallons): 1.4

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
940	0.2	0.2	32.80	13.4	2.87	209.8	5.62	298.3	18.13		
945	0.4		32.70	13.7	2.63	209.1	5.65	290.9	14.48		
950	0.6		32.65	14.3	1.64	207.3	5.71	267.4	10.22		
955	0.8		33.55	14.7	0.65	206.7	5.81	257.0	8.00		
1000	1.0		33.69	14.6	0.50	206.1	5.82	252.7	5.14		
1005	1.2		33.73	14.5	0.32	205.6	5.82	251.3	4.30		
1010	1.4										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1010
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	5.82	6200	ESP	0.2
	3	AG	40 mL	HCl	40 mL x 3	5.82	VPH	ESP	
	1	PP	250 mL	HNO_3	250 mL	5.82	Lead by 6010	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-56	DATE: 11/04/21
WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 13.26 ft. to 43.26 ft.	DEPTH TO WATER (feet): 15.12	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(43.26 ft. - 15.12 ft.) x 0.65 gal./ft. = 18.29 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
18.29 gallons x 3 = 54.87 gallons

PUMP DEPTH IN WELL (feet): 20.12	PURGING INITIATED AT: 1220	PURGING ENDED AT: 1255	TOTAL VOLUME PURGED (gallons): 0.8

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1220	0.1	0.1	15.43	15.5	5.59	138.5	6.47	181.4	101.4		
1225	0.2		15.47	15.5	5.56	138.2	6.22	179.6	100.7		
1230	0.3		15.45	15.4	5.52	137.1	6.14	178.7	98.33		
1235	0.4		15.40	15.3	5.50	136.6	6.11	178.1	87.21		
1240	0.5		15.39	15.2	5.44	136.4	6.08	177.5	57.42		
1245	0.6		15.38	15.2	5.40	136.2	6.08	177.2	30.97		
1250	0.7		15.36	15.2	5.37	136.2	6.08	176.3	30.80		
1255	0.8		15.36	15.2	5.34	136.2	6.07	176.0	30.71		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1300
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	6.07	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3	6.07	VPH	ESP	0.1
	1	PP	250 mL	HNO_3	250 mL	6.07	Lead by 6010	ESP	0.1

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-57	DATE: 11/04/21
WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 13.13 ft. to 48.13 ft.	DEPTH TO WATER (feet): 15.88	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(48.13 ft. - 15.88 ft.) x 0.65 gal./ft. = 20.96 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
20.96 gallons x 3 = 62.88 gallons

PUMP DEPTH IN WELL (feet): 20.88	PURGING INITIATED AT: 1040	PURGING ENDED AT: 1110	TOTAL VOLUME PURGED (gallons): 1.4

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1040	0.2	0.2	16.33	14.0	6.93	127.4	6.17	183.2	62.31		
1045	0.4		16.30	13.8	6.90	127.8	6.13	180.6	60.71		
1050	0.6		16.27	13.8	6.85	128.0	6.08	178.9	60.32		
1055	0.8		16.26	13.8	6.82	128.5	6.03	173.2	57.89		
1100	1.0		16.24	13.7	6.77	128.9	6.02	171.2	55.08		
1105	1.2		16.24	13.6	6.73	129.0	6.02	171.0	56.71		
1110	1.4		16.23	13.6	6.71	129.2	6.02	169.9	54.03		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1115
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	6.02	6200	ESP	0.2
	3	AG	40 mL	HCl	40 mL x 3	6.02	VPH	ESP	
	1	PP	250 mL	HNO_3	250 mL	6.02	Lead by 6010	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-57D	DATE: 11/04/21
WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 98.18 ft. to 108.18 ft.	DEPTH TO WATER (feet): 15.79	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(108.18 ft. - 15.79 ft.) x 0.16 gal./ft. = 14.78 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
14.78 gallons x 3 = 44.34 gallons

PUMP DEPTH IN WELL (feet): 103.18	PURGING INITIATED AT: 0930	PURGING ENDED AT: 955	TOTAL VOLUME PURGED (gallons): 0.6

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
930	0.1	0.1	16.01	15.4	1.23	221.3	8.20	-63.9	12.6		
935	0.2		16.02	15.2	0.81	220.6	8.17	-72.5	11.4		
940	0.3		16.03	15.0	0.56	218.3	8.13	-79.3	10.7		
945	0.4		16.06	14.9	0.27	218.0	8.14	-80.4	5.04		
950	0.5		16.12	14.8	0.20	218.0	8.14	-80.6	3.17		
955	0.6		16.15	14.7	0.12	217.8	8.14	-81.8	2.02		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1000
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
	4	AG	40 mL	HCl	40 mL x 4	8.14	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3	8.14	VPH	ESP	
	1	PP	250 mL	HNO_3	250 mL	8.14	Lead by 6010	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-58	DATE: 11/04/21
WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/8"	WELL SCREEN INTERVAL DEPTH: 23.05 ft. to 53.05 ft.	DEPTH TO WATER (feet): 31.82	PUMP TYPE OR BAILER: Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(53.05 ft. - 31.82 ft.) x 0.65 gal./ft. = 13.80 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
13.80 gallons x 3 = 41.40 gallons

PUMP DEPTH IN WELL (feet): 36.82	PURGING INITIATED AT: 0910	PURGING ENDED AT: 0940	TOTAL VOLUME PURGED (gallons): 3.0

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil — SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0910	—	—	31.82	13.2	7.72	87.0	6.17	170.8	2.03	Clear	None
0915	0.5	0.1	32.24	14.5	7.36	89.6	6.24	152.7	0.94	↓	↓
0920	1.0	↓	32.27	14.9	6.94	90.1	6.25	149.8	0.75		
0925	1.5		32.27	14.8	6.74	90.1	6.25	147.1	0.46		
0930	2.0		32.29	14.9	6.58	90.0	6.25	147.4	0.29		
0935	2.5		32.30	14.9	6.65	90.0	6.25	147.6	0.12		
0940	3.0	↓	32.30	15.1	6.46	90.2	6.25	147.7	0.69	↓	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Emilia Tarellas / AECOM	SAMPLER(S) SIGNATURE(S): Emilia C. Tarellas	SAMPLE TIME: 0940
PUMP OR TUBING DEPTH IN WELL (feet): 36.82	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-58	4	AG	40 mL	HCl	40 mL x 4	1.25	6200	ESP	0.1
↓	3	AG	40 mL	HCl	40 mL x 3	↓	VPH	↓	↓
↓	1	PP	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION	PROJECT NUMBER	WELL NAME	DATE
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-59	11/04/21

WELL DIAMETER (inches)	TUBING DIAMETER (inches)	WELL SCREEN INTERVAL DEPTH	DEPTH TO WATER (feet)	PUMP TYPE OR BAILER
4	1/8"	22.93 ft. to 52.93 ft.	33.94	Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(52.93 ft. - 33.94 ft.) x 0.65 gal./ft. = 12.34 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
12.34 gallons x 3 = 37.0 gallons

PUMP DEPTH IN WELL (feet)	PURGING INITIATED AT	PURGING ENDED AT	TOTAL VOLUME PURGED (gallons)
38.94	1540	1610	3.0

EQUIPMENT INFORMATION	MAKE/MODEL	SERIAL #
WATER QUALITY METER	YSI	17C101605
OIL/WATER INTERFACE PROBE	Heron H.oil	01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1540	—	—	33.94	14.8	8.86	118.9	6.20	123.4	4.38	clear	none
1545	0.5	0.1	34.22	14.2	8.44	117.6	6.16	132.8	2.56	↓	↓
1550	1.0	↓	34.27	14.5	7.97	118.2	6.15	138.6	2.79		
1555	1.5		34.29	15.2	7.03	120.2	6.15	143.1	3.60		
1600	2.0		34.29	15.5	6.86	120.7	6.13	149.1	2.41		
1605	2.5		34.27	15.5	6.87	120.2	6.13	152.3	1.85		
1610	3.0	↓	34.27	15.5	6.90	120.0	6.13	154.2	1.72	↓	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	SAMPLE TIME
Emilia Tarellas / AECOM	Emilia A. Tarellas	1610

PUMP OR TUBING DEPTH IN WELL (feet)	TUBING MATERIAL CODE	FIELD-FILTERED	FILTER SIZE
38.94	HDPE	Y (N)	-- µm

Filtration Equipment Type: --

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-59	4	AG	40 mL	HCl	40 mL x 4	6.13	6200	ESP	0.1
↓	3	AG	40 mL	HCl	40 mL x 3	↓	VPH	↓	↓
↓	1	PP	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-60	DATE: 11/2/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 26.95 ft. to 46.95 ft.	DEPTH TO WATER (feet): 35.38	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(46.95 ft. - 35.38 ft.) x 0.65 gal./ft. = 7.5 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

7.5 gallons x 3 = 22.5 gallons

PUMP DEPTH IN WELL (feet): 44	PURGING INITIATED AT: 0835	PURGING ENDED AT: 0925	TOTAL VOLUME PURGED (gallons): 6.1

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro; SERIAL #: 13K100920

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0835	0.2		35.38	15.3	7.99	66.5	7.26	95.4	52.55	Clear	None
0840	0.8		35.39	15.9	8.00	68.3	6.74	106.1	45.10	"	"
0845	1.5		35.40	16.1	7.75	68.2	6.72	110.5	38.00	"	"
0850	2.1		35.40	16.3	8.11	64.7	6.67	115.7	31.61	"	"
0855	2.6		35.40	16.5	8.18	63.8	6.67	120.0	26.56	"	"
0900	3.1		35.40	16.6	8.04	64.1	6.67	121.2	17.30	"	"
0905	3.7		35.40	16.1	7.86	63.3	6.67	122.4	12.69	"	"
0910	4.3		35.40	16.2	7.93	64.3	6.65	124.5	8.96	"	"
0915	4.9		35.40	16.1	7.90	67.2	6.64	127.2	6.33	"	"
0920	5.5		35.40	16.4	7.79	68.7	6.64	128.3	4.75	"	"
0925	6.1		35.40	16.4	7.84	69.2	6.64	128.7	4.06	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 0935
PUMP OR TUBING DEPTH IN WELL (feet): 44	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-60	4	AG	40 mL	HCl	40 mL x 4	6.64	6200	ESP	
"	3	AG	40 mL	HCl	40 mL x 3	"	VPH	"	
"	1	PP	250 mL	HNO_3	250 mL	"	Lead by 6010	"	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-61D	DATE: 11/3/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 96.5 ft. to 106.5 ft.	DEPTH TO WATER (feet): 56.95	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY	3 WELL VOLUMES = 1 WELL VOLUME X 3
(_____ ft. - _____ ft.) x _____ gal./ft. = _____ gallons	_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet): 100	PURGING INITIATED AT: 1315	PURGING ENDED AT: 1345	TOTAL VOLUME PURGED (gallons): 4

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: Horiba	SERIAL #:	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron H.01	SERIAL #:

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1315	0	0.13	56.95	16.25	6.69	225	6.38	175	63.0	Clear	No
1320	1.66			16.74	4.27	236	6.38	112	75.7		
1325	1.33			17.00	4.15	228	6.35	127	21.7		
1330	2			16.96	4.30	226	6.33	132	23.3		
1335	2.66			17.08	4.06	222	6.32	142	11.7		
1340	3.33			17.14	4.13	222	6.33	147	8.3		
1345	4			17.13	4.10	223	6.32	148	7.9		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jim Dimitrolt AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1350

PUMP OR TUBING DEPTH IN WELL (feet): 100	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N~~ (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-62D	DATE: 11/02/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 131.50 ft. to 141.50 ft.	DEPTH TO WATER (feet): 57.40	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(141.50 ft. - 57.40 ft.) x 0.16 gal./ft. = 13.46 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

13.46 gallons x 3 = 40.38 gallons

PUMP DEPTH IN WELL (feet): 136	PURGING INITIATED AT: 1240	PURGING ENDED AT: 1320	TOTAL VOLUME PURGED (gallons): 2.0

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: Horiba U-52 SERIAL #: 15C101916	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron H.Oil SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1250	0.5	0.05	57.62	17.2	3.54	4723	12.09	-73.6	25.95	Clear	none
1255	0.75		57.68	17.2	2.36	4431	12.12	-77.2	17.35		
1300	1.00		57.73	17.3	1.79	4277	12.19	-80.1	12.48		
1305	1.25		57.78	17.1	1.75	3825	12.18	-78.4	7.81		
1310	1.50		57.81	17.2	1.73	3552	12.15	-74.6	9.81		
1315	1.75		57.84	17.1	1.69	3436	12.15	-72.4	8.96		
1320	2.00		57.84	17.1	1.68	3338	12.14	-69.6	9.12		

Mike de Kozlowski 11/02/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1330

PUMP OR TUBING DEPTH IN WELL (feet): 136	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-62D	4	AG	40 mL	HCl	40 mL x 4	12.14	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Cloudy, 60's High pH and conductivity

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-64	DATE: 11/1/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 34.57 ft. to 69.57 ft.	DEPTH TO WATER (feet): 40.59	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(69.57 ft. - 40.59 ft.) x 0.16 gal./ft. = 4.63 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

4.63 gallons x 3 = 13.9 gallons

PUMP DEPTH IN WELL (feet): 46	PURGING INITIATED AT: 0908	PURGING ENDED AT: 1035	TOTAL VOLUME PURGED (gallons): 7.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: ysi pro+ — SERIAL #: 18J100264

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron/H.O.1 — SERIAL #: 01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0910	0	0.1	39.65	15.4	7.23	153.7	6.26	131.2	84.85	Cloudy	None
0915	0.5	0.1	39.65	15.9	6.67	125.3	6.17	135.6	120.2	Cloudy	None
0920	1	0.1	39.65	17.8	5.51	130.7	6.07	122.4	36.19	Cloudy	None
0925	1.5	0.1	39.65	17.9	5.06	133.6	6.18	111.5	25.76	Cloudy	None
0930	2	0.1	39.65	17.9	4.74	134.8	6.23	106.8	35.05	Cloudy	None
0935	2.5	0.1	39.65	17.8	4.54	134.5	6.27	104.6	28.21	Cloudy	None
0940	3	0.1	39.65	18.4	4.31	137.1	6.29	103.6	44.0	Cloudy	None
0945	3.5	0.1	39.65	18.5	4.29	138.1	6.29	102.8	53.93	Cloudy	None
0950	4	0.1	39.65	18.2	4.30	140.3	6.32	100.4	100.0	Cloudy	None
0955	4.5	0.1	39.65	18.1	4.24	141.5	6.32	99.5	83.09	Cloudy	None
1000	5	0.1	39.65	18.5	4.16	144.0	6.33	99.2	92.79	Cloudy	None
1005	5.5	0.1	39.65	18.4	4.01	148.5	6.31	98.1	71.32	Cloudy	None
1010	6	0.1	39.65	18.4	3.98	148.2	6.32	98.3	66.91	Cloudy	None
1015	6.5	0.1	39.65	18.7	4.04	150.2	6.30	100.0	67.42	Cloudy	None
1020	7	0.1	39.65	18.3	4.05	150.4	6.31	100.1	64.75	Cloudy	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Erik Rigel/AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1030
PUMP OR TUBING DEPTH IN WELL (feet): 46	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-64	4	AG	40 mL	HCl	40 mL x 4	6.31	6200	ESP	0.1
MW-64	3	AG	40 mL	HCl	40 mL x 3	6.31	VPH	ESP	0.1
MW-64	1	PP	250 mL	HNO_3	250 mL	6.31	Lead by 6010	ESP	0.1

REMARKS: High turbidity.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-65	DATE: 11/01/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 25 ft. to 40 ft.	DEPTH TO WATER (feet): 25.51	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(40 ft. - 25.51 ft.) x 0.16 gal./ft. = 2.32 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

2.32 gallons x 3 = 6.96 gallons

PUMP DEPTH IN WELL (feet): 32	PURGING INITIATED AT: 1120	PURGING ENDED AT: 1235	TOTAL VOLUME PURGED (gallons): 7.0

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: Horiba U-52 SERIAL #: 15C101916	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron H.Oil SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1140	2.0	0.1	25.63	16.9	5.96	106.6	5.82	166.1	408.2	Cloudy	none
1145	2.5		25.68	16.9	5.94	106.9	5.82	165.7	314.7		
1150	3.0		25.71	16.9	5.94	107.7	5.82	165.7	227.4		
1155	3.5		25.72	16.9	5.90	108.0	5.83	165.3	114.0		
1200	4.0		25.72	16.9	5.87	108.2	5.83	164.0	96.21		
1205	4.5		25.72	16.9	5.85	107.7	5.83	160.4	71.81		
1210	5.0		25.72	16.9	5.84	109.4	5.84	155.8	61.74		
1215	5.5		25.72	16.9	5.80	110.0	5.85	156.1	52.39		
1220	6.0		25.72	16.9	5.79	109.6	5.85	154.4	47.52		
1225	6.5		25.72	16.9	5.74	109.5	5.85	154.5	42.49		
1230	7.0		25.72	16.9	5.73	109.5	5.86	154.5	38.64		

Mike de Kozlowski 11/01/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1235

PUMP OR TUBING DEPTH IN WELL (feet): 32	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-65	4	AG	40 mL	HCl	40 mL x 4	5.86	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Sunny, 60's Purged 3 well volumes

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-65D	DATE: 11/01/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 118.40 ft. to 123.40 ft.	DEPTH TO WATER (feet): 25.41	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(123.40 ft. - 25.41 ft.) x 0.16 gal./ft. = 15.68 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

15.68 gallons x 3 = 47.04 gallons

PUMP DEPTH IN WELL (feet): 118	PURGING INITIATED AT: 0935	PURGING ENDED AT: 1030	TOTAL VOLUME PURGED (gallons): 5.0

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba U-52; SERIAL #: 15C101916

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0945	1.0	0.1	26.23	16.5	5.52	235.5	6.94	53.6	154.1	Cloudy	none
0950	1.5		26.81	16.5	5.13	237.1	6.95	62.1	59.64	Clear	
0955	2.0		27.28	16.5	4.92	214.3	6.77	80.4	35.26	Clear	
1000	2.5		27.54	16.5	4.84	208.2	6.72	87.1	30.23		
1005	3.0		27.71	16.5	4.72	200.1	6.64	95.7	24.47		
1010	3.5		27.82	16.5	4.63	192.2	6.57	106.3	19.40		
1015	4.0		27.86	16.5	4.51	189.8	6.54	112.0	15.62		
1020	4.5		27.90	16.5	4.42	188.2	6.52	115.6	14.46		
1025	5.0		27.91	16.5	4.31	187.4	6.52	117.6	14.21		

Mike de Kozlowski 11/01/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1030
PUMP OR TUBING DEPTH IN WELL (feet): 118	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-65D	4	AG	40 mL	HCl	40 mL x 4	6.52	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Sunny, 60's

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-70	DATE: 11/1/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 34.95 ft. to 53.95 ft.	DEPTH TO WATER (feet): 41.81	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(53.95 ft. - 41.81 ft.) x 0.16 gal./ft. = 1.94 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

1.94 gallons x 3 = 5.8 gallons

PUMP DEPTH IN WELL (feet): 47	PURGING INITIATED AT: 1407	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: ysi pro+ — SERIAL #: 18J100264

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron/H.01 — SERIAL #: 01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1408	0	0.1	42.15	18.9	6.88	135.6	6.22	75.8	364.4	Cloudy	None
1413	0.5	0.1	42.15	18.8	5.66	138.6	6.05	90.7	493.7	Cloudy	None
1418	1	0.1	42.15	19.9	5.34	147.1	6.08	97.1	661.5	Cloudy	None
1423	1.5	0.1	42.15	19.9	5.53	144.6	6.05	101.9	>1100	Cloudy	None
1428	2	0.1	42.15	19.6	5.11	143.8	6.05	102.6	>1100	Cloudy	None
1433	2.5	0.1	42.15	19.4	5.31	143.4	6.03	105.6	798.7	Cloudy	None
1438	3	0.1	42.15	19.1	5.25	142.8	6.02	108.1	743.2	Cloudy	None
1443	3.5	0.1	42.15	19.1	5.35	142.8	6.03	110.1	717.0	Cloudy	None
1448	4	0.1	42.15	19.8	5.58	141.2	6.01	112.5	628.0	Cloudy	None
1453	4.5	0.1	42.15	18.8	5.44	141.7	6.00	116.5	457.7	Cloudy	None
1458	5	0.1	42.15	18.8	5.63	141.5	6.01	118.1	327.5	Cloudy	None
1503	5.5	0.1	42.15	18.9	5.51	141.6	5.99	120.0	284.2	Cloudy	None
1508	6	0.1	42.15	18.9	5.53	141.6	5.99	120.2	241.0	Cloudy	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Eric Riegel/AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1515

PUMP OR TUBING DEPTH IN WELL (feet): 47	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-66	4	AG	40 mL	HCl	40 mL x 4		6200	ESP	0.1
MW-66	3	AG	40 mL	HCl	40 mL x 3		VPH	ESP	0.1
MW-66	1	PP	250 mL	HNO_3	250 mL		Lead by 6010	ESP	0.1

REMARKS: High Turbidity, 3 Well Volumes purged.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-67	DATE: 11/01/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 30.10 ft. to 45.10 ft.	DEPTH TO WATER (feet): 34.32	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(45.10 ft. - 34.32 ft.) x 0.16 gal./ft. = 1.72 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
1.72 gallons x 3 = 5.16 gallons

PUMP DEPTH IN WELL (feet): 39.32	PURGING INITIATED AT: 0925	PURGING ENDED AT: 955	TOTAL VOLUME PURGED (gallons): 1.4

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0925	0.2	0.2	35.31	17.8	5.80	176.0	6.49	196.9	44.73	clear	None
0930	0.4		35.27	18.0	5.44	176.0	6.40	193.1	559.4	Pale tan	none
0935	0.6		35.25	18.1	5.36	176.5	6.35	189.6	96.3	Pale tan	none
0940	0.8		35.18	18.4	5.10	177.7	6.31	188.2	46.7	Pale tan	none
0945	1.0		35.16	18.4	5.07	178.3	6.30	189.9	50.7	Pale tan	none
0950	1.2		35.15	18.4	5.05	179.0	6.30	190.1	50.3	Pale tan	none
0955	1.4										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1000

PUMP OR TUBING DEPTH IN WELL (feet): 39.32	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	6.30	6200	ESP	0.2
	3	AG	40 mL	HCl	40 mL x 3	6.30	VPH	ESP	
	1	PP	250 mL	HNO_3	250 mL	6.30	Lead by 6010	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-68	DATE: 11/01/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 34.90 ft. to 49.90 ft.	DEPTH TO WATER (feet): 42.36	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(49.90 ft. - 42.36 ft.) x 0.16 gal./ft. = 1.20 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
1.20 gallons x 3 = 3.60 gallons

PUMP DEPTH IN WELL (feet): 47.36	PURGING INITIATED AT: 1115	PURGING ENDED AT: 1200	TOTAL VOLUME PURGED (gallons): 2.0

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1115	0.2	0.2	42.61	18.3	10.22	170.1	6.26	207.1	754.1	light brown	none
1120	0.4		42.60	18.0	8.68	168.9	5.75	232.4	840.9	light brown	none
1125	0.6		42.58	18.4	8.30	171.6	5.81	229.7	466.7	light brown	none
1130	0.8		42.60	18.6	8.05	174.4	5.93	223.2	474.3	light brown	none
1135	1.0		42.60	18.7	7.95	181.7	6.04	216.5	464.4	light brown	none
1140	1.2		42.61	18.8	7.93	182.5	6.05	215.0	370.2	light brown	none
1145	1.4		42.62	18.7	7.71	184.3	6.05	208.3	231.7	light brown	none
1150	1.6		42.62	18.7	7.70	186.1	6.07	206.7	103.1		
1155	1.8		42.	18.9	7.69	187.2	6.08	205.1	97.3		
1200	2.0		42.	18.9	7.67	188.1	6.08	205.2	97.9		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1205

PUMP OR TUBING DEPTH IN WELL (feet): 47.36	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	6.08	6200	ESP	0.2
	3	AG	40 mL	HCl	40 mL x 3	6.08	VPH	ESP	
	1	PP	250 mL	HNO_3	250 mL	6.08	Lead by 6010	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-69	DATE: 11/3/21
WELL DIAMETER (inches): 4	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 30 ft. to 60 ft.	DEPTH TO WATER (feet): 52.75	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(_____ ft. - _____ ft.) x _____ gal./ft. = _____ gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet): 55	PURGING INITIATED AT: 1120	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons): 4

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba — SERIAL #:

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.01 — SERIAL #:

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1120	0		52.75	16.60	6.12	191	6.38	186	792	Lt Brown	No
1125				16.58	6.08	191	6.33	193	907		
1130				16.50	6.00	190	6.29	199	823		
1135				16.52	5.13	189	6.26	206	811		
1140				17.08	5.73	184	6.22	201	808		
1145				17.85	6.03	183	6.18	200	800		
1150				17.86	6.08	183	6.16	203	793		
1155				17.84	6.09	183	6.16	204	803		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jim Dimitrolt AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1200
PUMP OR TUBING DEPTH IN WELL (feet): 55	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N~~ (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-70	DATE: 11/1/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 32.82 ft. to 47.82 ft.	DEPTH TO WATER (feet): 38.29	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(47.82 ft. - 38.29 ft.) x 0.16 gal./ft. = 1.52 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

1.52 gallons x 3 = 4.6 gallons

PUMP DEPTH IN WELL (feet): 44	PURGING INITIATED AT: 1114	PURGING ENDED AT: 1215	TOTAL VOLUME PURGED (gallons): 5.5

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: ysi pro+ SERIAL #: 18J100264	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron/H.01 SERIAL #: 01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1115	0	0.1	38.72	18.5	4.89	162.9	6.34	111.2	230.8	Cloudy	None
1120	0.5	0.1	38.72	19.2	4.25	165.4	6.29	102.8	274.4	Cloudy	None
1125	1	0.1	38.72	19.1	4.53	168.9	6.28	96.0	322.9	Cloudy	None
1130	1.5	0.1	38.72	19.8	4.38	168.1	6.28	95.5	391.2	Cloudy	None
1135	2	0.1	38.72	19.8	4.39	167.7	6.28	95.6	488.7	Cloudy	None
1140	2.5	0.1	38.72	19.7	4.62	167.3	6.25	96.1	415.3	Cloudy	None
1145	3	0.1	38.72	19.2	4.87	161.9	6.26	96.1	268.0	Cloudy	None
1150	3.5	0.1	38.72	19.1	5.00	159.7	6.24	101.5	207.4	Cloudy	None
1155	4	0.1	38.72	19.1	4.79	159.5	6.24	101.2	187.6	Cloudy	None
1200	4.5	0.1	38.72	19.1	4.77	159.4	6.24	101.1	113.1	Cloudy	None
1205	5.0	0.1	38.72	19.1	4.78	159.4	6.24	101.0	103.9	Cloudy	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Erik Riegel / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1210

PUMP OR TUBING DEPTH IN WELL (feet): 44	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N (replaced)~~ DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-70	4	AG	40 mL	HCl	40 mL x 4	6.24	6200	ESP	0.1
MW-70	3	AG	40 mL	HCl	40 mL x 3	6.24	VPH	ESP	0.1
MW-70	1	PP	250 mL	HNO_3	250 mL	6.24	Lead by 6010	ESP	0.1

REMARKS: Dup-1-20211101
High turbidity, 3well volumes purged.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION:	PROJECT NUMBER:	WELL NAME:	DATE:
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-71	11-03-2021

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	DEPTH TO WATER (feet):	PUMP TYPE OR BAILER:
2		53.58 ft. to 68.58 ft.	58.04	ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(68.58 ft. - 58.04 ft.) x 0.16 gal./ft. = _____ gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
60.50	1434	1535	

EQUIPMENT INFORMATION	MAKE/MODEL:	SERIAL #:
WATER QUALITY METER	YSI PRO	16F100209

EQUIPMENT INFORMATION	MAKE/MODEL:	SERIAL #:
OIL/WATER INTERFACE PROBE	Heron	185908

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1435			58.14	16.4	3.98	124.8	6.24	35.8	183.3	Cloudy	None
1440	0.50		58.69	16.4	4.04	125.0	6.32	47.2	801.9	Brown	none
1445	1.50		58.83	16.5	3.96	125.8	6.47	51.8	669.6	Brown	None
1450	2.25		59.03	16.9	3.88	132.4	6.50	48.2	619.2	Brown	None
1455	2.90		59.09	16.7	3.25	135.6	6.51	52.0	259.5	Brown	None
1500	3.45		58.95	16.7	3.11	136.1	6.53	51.3	182.3	Brown	None
1505	4.15		58.91	17.1	3.14	138.0	6.56	49.0	116.3	Brown	None
1510	5.00		58.90	17.1	3.19	139.6	6.59	47.6	171.6	Brown	None
1515	5.75		58.89	17.0	3.16	140.0	6.62	45.4	117.6	Brown	None
1520	6.35		58.89	17.1	3.13	140.3	6.64	46.8	119.2	Brown	None
1525	7.00		58.89	17.1	3.11	141.2	6.64	48.2	116.4	Brown	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME:
Mariah Rockwell		1530

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm
61.0	LDPE		

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS: MW-71 *Water has sheen

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-73	DATE: 11/1/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 25.03 ft. to 40.03 ft.	DEPTH TO WATER (feet): 35.25	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(40.03 ft. - 35.25 ft.) x .163 gal./ft. = 0.78 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

0.78 gallons x 3 = 2.34 gallons

PUMP DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 1045	PURGING ENDED AT: 1105	TOTAL VOLUME PURGED (gallons): 2.6

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro; SERIAL #: 13K100920

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Huron H.Oil; SERIAL #: 01-8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1045	0.3		35.25	16.0	6.12	161.3	6.90	117.2	1100+	Cloudy	None
1050	1.0		35.25	16.8	6.22	147.4	6.63	119.7	1100+	"	"
1055	1.6		35.25	16.4	5.98	146.3	6.62	120.2	976.4		
1100	2.0		35.25	16.6	5.92	145.5	6.58	119.8	991.1		
1105	2.6		35.25	16.6	6.09	145.1	6.57	119.0	1011	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1115

PUMP OR TUBING DEPTH IN WELL (feet): 38	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-73	4	AG	40 mL	HCl	40 mL x 4	6.57	6200	ESP	
"	3	AG	40 mL	HCl	40 mL x 3	"	VPH	"	
"	1	PP	250 mL	HNO_3	250 mL	"	Lead by 6010	"	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-65	DATE: 11/01/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 17.77 ft. to 32.77 ft.	DEPTH TO WATER (feet): 23.80	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(32.77 ft. - 23.80 ft.) x 0.16 gal./ft. = 1.44 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

1.44 gallons x 3 = 4.32 gallons

PUMP DEPTH IN WELL (feet): 29	PURGING INITIATED AT: 1315	PURGING ENDED AT: 1400	TOTAL VOLUME PURGED (gallons): 4.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba U-52; SERIAL #: 15C101916

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1335	2.0	0.1	24.21	17.6	5.30	156.8	5.90	151.0	321.8	Cloudy	none
1340	2.5		24.26	17.6	5.24	158.2	5.94	151.0	189.5		
1345	3.0		24.28	17.6	5.19	160.4	5.96	151.0	84.46		
1350	3.5		24.29	17.6	5.20	160.3	5.96	151.1	63.48		
1355	4.0		24.30	17.5	5.21	161.7	5.97	151.5	47.56		
1400	4.5		24.31	17.5	5.21	161.8	5.97	151.4	34.16		

Mike de Kozlowski 11/01/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1410
PUMP OR TUBING DEPTH IN WELL (feet): 29	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-74	4	AG	40 mL	HCl	40 mL x 4	5.97	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Sunny, 60's Purged 3 well volumes

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION:	PROJECT NUMBER:	WELL NAME:	DATE:
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-75	11/1/21

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	DEPTH TO WATER (feet):	PUMP TYPE OR BAILER:
2	3/8	30.95 ft. to 45.95 ft.	40.55	Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(45.95 ft. - 40.55 ft.) x 0.16 gal./ft. = 0.864 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

0.864 gallons x 3 = 2.6 gallons

PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
43	1254	1335	3.5

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL:	SERIAL #:	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL:	SERIAL #:
	ysi pro+	18J100264		Heron/H.O.I	01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1255	0	0.1	41.88	19.2	4.16	159.6	6.29	59.0	1021	Brown	None
1300	0.5	0.1	41.88	19.4	4.55	159.3	6.17	71.5	981.2	Brown	None
1305	1	0.1	41.88	19.8	4.61	159.9	6.14	80.7	793.4	Brown	None
1310	1.5	0.1	41.88	20.0	4.64	160.5	6.13	83.3	692.6	Brown	None
1315	2	0.1	41.88	20.2	4.07	162.3	6.13	84.1	675.9	Brown	None
1320	2.5	0.1	41.88	20.3	4.50	162.6	6.12	85.9	622.7	Brown	None
1325	3	0.1	41.88	20.6	4.43	164.0	6.13	85.7	539.0	Brown	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME:
Erik Rigel / AECOM		1330

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm
43	LDPE		

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-75	4	AG	40 mL	HCl	40 mL x 4	6.13	6200	ESP	0.1
MW-75	3	AG	40 mL	HCl	40 mL x 3	6.13	VPH	ESP	0.1
MW-75	1	PP	250 mL	HNO_3	250 mL	6.13	Lead by 6010	ESP	0.1

REMARKS: High turbidity, 3 well volumes purged

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-76	DATE: 11/1/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 28.80 ft. to 48.80 ft.	DEPTH TO WATER (feet): 32.86	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(48.8 ft. - 32.86 ft.) x .163 gal./ft. = 2.6 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

2.6 gallons x 3 = 7.8 gallons

PUMP DEPTH IN WELL (feet): 46	PURGING INITIATED AT: 1150	PURGING ENDED AT: 1255	TOTAL VOLUME PURGED (gallons): 7.9

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro SERIAL #: 13K100920

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil SERIAL #: 61-8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1150	0.2		32.86	15.9	7.41	111.2	6.11	133.6	1100+	Cloudy	None
1155	0.8		32.88	15.9	6.11	112.0	6.11	136.9	1100+		
1200	1.4		32.90	16.2	6.75	113.0	6.10	142.2	1051		
1205	2.0		32.90	16.3	6.78	113.4	6.10	145.4	1073		
1210	2.5		32.90	16.7	6.71	114.4	6.09	147.7	1087		
1215	3.2		32.90	16.7	6.63	114.5	6.10	148.6	1002		
1220	3.8		32.90	16.6	6.71	114.4	6.09	149.3	959.4		
1225	4.3		32.90	16.9	6.57	115.5	6.09	151.1	629.6		
1230	4.9		32.90	16.7	6.61	114.9	6.09	150.9	309.7		
1235	5.5		32.90	16.7	6.58	114.6	6.09	151.9	169.9	Clear	
1240	6.1		32.90	16.7	6.65	114.9	6.08	152.6	87.51		
1245	6.7		32.90	16.7	6.59	114.9	6.09	153.3	22.01		
1250	7.3		32.90	16.7	6.57	114.9	6.09	153.0	8.44		
1255	7.9		32.90	16.7	6.59	115.0	6.09	153.2	2.00		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1305

PUMP OR TUBING DEPTH IN WELL (feet): 46	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-76	4	AG	40 mL	HCl	40 mL x 4	6.09	6200	ESP	
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-77	DATE: 11/02/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 18.65 ft. to 48.65 ft.	DEPTH TO WATER (feet): 29.80	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(48.65 ft. - 29.80 ft.) x 0.16 gal./ft. = 3.02 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
3.02 gallons x 3 = 9.06 gallons

PUMP DEPTH IN WELL (feet): 34.80	PURGING INITIATED AT: 1050	PURGING ENDED AT: 1125	TOTAL VOLUME PURGED (gallons): 0.8

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1050	0.1	0.1	30.18	16.6	8.01	79.6	5.57	181.6	553.1		
1055	0.2		30.25	16.7	7.93	80.2	5.48	181.9	497.4		
1100	0.3		30.10	16.7	7.72	80.5	5.53	182.4	431.6		
1105	0.4		30.01	16.7	7.68	80.7	5.54	183.7	409.1		
1110	0.5		29.96	16.8	7.45	81.5	5.54	191.9	304.4		
1115	0.6		29.94	17.5	6.51	85.0	5.54	192.0	137.4		
1120	0.7		29.94	17.7	6.59	85.7	5.55	192.4	147.1		
1125	0.8		29.94	17.8	6.95	85.9	5.55	192.7	152.6		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1130

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	5.55	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3	5.55	VPH	ESP	
	1	PP	250 mL	HNO_3	250 mL	5.55	Lead by 6010	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-78	DATE: 11/02/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 28.51 ft. to 53.51 ft.	DEPTH TO WATER (feet): 34.54	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(53.51 ft. - 34.54 ft.) x 0.16 gal./ft. = 3.03 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

3.03 gallons x 3 = 9.09 gallons

PUMP DEPTH IN WELL (feet): 39.54	PURGING INITIATED AT: 1405	PURGING ENDED AT: 1440	TOTAL VOLUME PURGED (gallons): 0.8

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro Plus; SERIAL #: 15C101918

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron IFP 100'; SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1405	0.1	0.1	34.84	18.2	10.37	72.4	5.57	200.5	378.3		
1410	0.2		34.97	18.1	10.17	72.3	5.59	201.5	355.0		
1415	0.3		35.44	18.0	9.13	72.0	4.85	236.5	398.2		
1420	0.4		35.57	18.0	9.09	72.0	4.90	235.6	292.4		
1425	0.5		35.35	18.3	8.98	76.8	5.15	226.5	200.4		
1430	0.6		35.35	18.3	8.82	76.8	5.16	220.4	138.2		
1435	0.7		35.37	18.3	8.74	77.0	5.16	220.1	52.2		
1440	0.8		35.31	18.3	8.54	77.3	5.17	217.1	42.1		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1445

PUMP OR TUBING DEPTH IN WELL (feet): 39.54	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	5.17	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3	5.17	VPH	ESP	
	1	PP	250 mL	HNO_3	250 mL	5.17	Lead by 6010	ESP	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-79	DATE: 11/02/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 20.86 ft. to 40.86 ft.	DEPTH TO WATER (feet): 28.57	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(40.86 ft. - 28.57 ft.) x 0.16 gal./ft. = 1.97 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

1.97 gallons x 3 = 5.91 gallons

PUMP DEPTH IN WELL (feet): 33.57	PURGING INITIATED AT: 940	PURGING ENDED AT: 1010	TOTAL VOLUME PURGED (gallons): 1.4

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: YSI Pro Plus	SERIAL #: 15C101918
EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron IFP 100'	SERIAL #: 01-8345

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
940	0.2	0.2	29.13	16.6	7.27	92.1	6.61	170.3	712.3		
945	0.4		29.10	16.7	7.29	93.3	6.52	171.5	605.5		
950	0.6		28.99	17.2	7.32	93.8	6.07	166.2	384.1		
955	0.8		28.96	17.3	7.29	95.4	5.82	169.8	744.2		
1000	1.0		28.84	17.3	7.17	97.7	5.77	175.5	123.2		
1005	1.2		28.85	17.6	7.09	99.6	5.76	174.0	118.5		
1010	1.4		28.84	17.5	7.07	100.0	5.76	175.1	116.2		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Miller / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1015
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4	5.76	6200	ESP	0.2
	3	AG	40 mL	HCl	40 mL x 3	5.76	VPH	ESP	"
	1	PP	250 mL	HNO_3	250 mL	5.76	Lead by 6010	ESP	"

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-79D	DATE: 11/02/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 146.60 ft. to 156.60 ft.	DEPTH TO WATER (feet): 47.82	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(156.60 ft. - 47.82 ft.) x 0.16 gal./ft. = 17.40 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

17.40 gallons x 3 = 52.20 gallons

PUMP DEPTH IN WELL (feet): 150	PURGING INITIATED AT: 1435	PURGING ENDED AT: 1535	TOTAL VOLUME PURGED (gallons): 3.0

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: Horiba U-52 SERIAL #: 15C101916	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron H.Oil SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1445	0.5	0.05	48.22	17.8	0.69	3464	12.03	-54.6	42.63	Clear	none
1450	0.75		48.76	17.6	0.47	3459	12.04	-63.5	28.23		
1455	1.00		49.58	17.6	0.35	3455	12.06	-69.6	19.72		
1500	1.25		50.76	17.5	0.35	3440	12.07	-72.6	18.56		
1505	1.50		51.15	17.5	0.30	3410	12.07	-75.8	8.21		
1510	1.75		52.05	17.7	0.33	3336	12.07	-82.6	7.46		
1515	2.00		52.53	17.7	0.33	3190	12.08	-91.8	5.73		
1520	2.25		52.81	17.7	0.34	3048	12.05	-98.6	4.69		
1525	2.50		53.04	17.7	0.35	2955	12.03	-109.2	4.43		
1530	2.75		53.13	17.3	0.33	2862	12.05	-112.5	3.28		
1535	3.00		53.30	17.5	0.35	2808	12.02	-113.7	3.34		

Mike de Kozlowski 11/02/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1545

PUMP OR TUBING DEPTH IN WELL (feet): 150	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-79D	4	AG	40 mL	HCl	40 mL x 4	12.02	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Cloudy, 60's High pH and conductivity

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-80	DATE: 11/2/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 20.40 ft. to 40.40 ft.	DEPTH TO WATER (feet): 29.64	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(40.40 ft. - 29.64 ft.) x 0.16 gal./ft. = 1.72 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

1.72 gallons x 3 = 5.2 gallons

PUMP DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1208	PURGING ENDED AT: 1315	TOTAL VOLUME PURGED (gallons): 6

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: ysi pro+ — SERIAL #: 18J100264

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron/H.01 — SERIAL #: 01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1209	0	0.1	30.48	17.5	5.46	261.2	6.33	94.9	248.3	Cloudy	None
1214	0.5	0.1	30.48	17.8	4.62	267.4	6.31	78.9	743.6	Cloudy	None
1219	1	0.1	30.48	18.0	4.76	280.4	6.22	76.1	709.4	Cloudy	None
1224	1.5	0.1	30.48	18.2	4.71	290.7	6.09	86.0	273.3	Cloudy	None
1229	2	0.1	30.48	18.2	4.78	291.6	6.06	89.0	197.4	Cloudy	None
1234	2.5	0.1	30.48	18.1	5.03	291.9	5.99	96.0	97.23	Cloudy	None
1239	3	0.1	30.48	18.4	4.97	292.9	5.99	97.0	103.6	Cloudy	None
1244	3.5	0.1	30.48	18.6	4.97	293.1	5.99	96.6	120.1	Cloudy	None
1249	4	0.1	30.48	18.7	5.10	293.0	5.98	97.2	59.62	Cloudy	None
1254	4.5	0.1	30.48	18.4	5.27	294.3	5.92	101.0	66.24	Cloudy	None
1259	5	0.1	30.48	18.2	5.24	292.5	5.92	101.8	82.85	Cloudy	None
1304	5.5	0.1	30.48	18.2	5.24	292.1	5.92	102.2	76.32	Cloudy	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Erik Riegel / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1310

PUMP OR TUBING DEPTH IN WELL (feet): 35	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N (replaced)~~ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-80	4	AG	40 mL	HCl	40 mL x 4	5.92	6200	ESP	0.1
MW-80	3	AG	40 mL	HCl	40 mL x 3	5.92	VPH	ESP	0.1
MW-80	1	PP	250 mL	HNO_3	250 mL	5.92	Lead by 6010	ESP	0.1

REMARKS: 3 well volumes purged, High Turbidity

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-81	DATE: 11/2/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 16.84 ft. to 36.84 ft.	DEPTH TO WATER (feet): 31.15	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(36.84 ft. - 31.15 ft.) x 0.16 gal./ft. = 0.91 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

0.91 gallons x 3 = 2.7 gallons

PUMP DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 0838	PURGING ENDED AT: 1000	TOTAL VOLUME PURGED (gallons): 3.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: ysi pro+ — SERIAL #: 18J100264

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron/H.O.I — SERIAL #: 01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0922	0	0.1	31.58	16.9	4.16	186.0	6.38	168.6	636.4	Brown	None
0927	0.5	0.1	31.58	17.9	4.49	181.7	6.06	155.8	465.0	Brown	None
0932	1	0.1	31.58	17.7	4.90	171.9	6.05	142.6	210.7	Brown	None
0937	1.5	0.1	31.58	17.6	4.89	176.4	6.06	132.2	96.20	Cloudy	None
0942	2	0.1	31.58	17.7	4.99	176.8	6.04	129.7	49.14	Cloudy	None
0947	2.5	0.1	31.58	18.0	4.99	176.9	6.02	128.3	38.98	Cloudy	None
0952	3	0.1	31.58	17.8	4.99	176.0	6.02	126.5	30.26	Cloudy	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Erik Riegel / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 0955

PUMP OR TUBING DEPTH IN WELL (feet): 35	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N (replaced)~~ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-81	4	AG	40 mL	HCl	40 mL x 4	6.02	6200	ESP	0.1
MW-81	3	AG	40 mL	HCl	40 mL x 3	6.02	VPH	ESP	0.1
MW-81	1	PP	250 mL	HNO_3	250 mL	6.02	Lead by 6010	ESP	0.1

REMARKS: 3 Well Volumes Purged. High turbidity

Had to problem-solve why Controller was maxing out at 15 volts, tried new Battery, same issue tried new pump Motor, worked

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-81D	DATE: 11/02/21

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 98 ft. to 113 ft.	DEPTH TO WATER (feet): 48.09	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(113 ft. - 48.09 ft.) x 0.16 gal./ft. = 10.39 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

10.39 gallons x 3 = 31.17 gallons

PUMP DEPTH IN WELL (feet): 107	PURGING INITIATED AT: 1030	PURGING ENDED AT: 1140	TOTAL VOLUME PURGED (gallons): 3.50

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba U-52; SERIAL #: 15C101916

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1040	0.5	0.05	49.73	17.1	1.25	267.3	8.26	-13.6	198.0	Cloudy White	none
1045	0.75		50.21	16.9	0.54	266.5	8.28	-41.0	177.2		
1050	1.00		50.54	17.0	0.45	265.0	8.27	-55.5	167.4		
1055	1.25		50.79	17.1	0.39	253.5	8.16	-73.1	142.6		
1100	1.50		50.90	16.9	0.37	243.8	8.10	-87.4	111.3		
1105	1.75		50.97	17.0	0.36	239.8	8.08	-91.7	80.73		
1110	2.00		51.00	16.9	0.33	231.4	8.05	-99.0	63.89		
1115	2.25		51.15	16.9	0.32	227.2	8.03	-102.9	48.39		
1120	2.50		51.28	17.0	0.30	223.2	7.98	-106.2	36.28		
1125	2.75		51.35	17.0	0.30	218.3	7.96	-110.3	28.61		
1130	3.00		51.41	17.0	0.30	216.6	7.85	-111.4	24.32		
1135	3.25		51.46	17.0	0.29	216.1	7.85	-111.2	24.11		
1140	3.50		51.51	16.9	0.28	215.9	7.84	-111.0	23.81		

Mike de Kozlowski 11/02/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1150

PUMP OR TUBING DEPTH IN WELL (feet): 107	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-81D	4	AG	40 mL	HCl	40 mL x 4	7.84	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Sunny, 60's

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-82	DATE: 11/2/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 13.81 ft. to 38.81 ft.	DEPTH TO WATER (feet): 34.55	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(38.81 ft. - 34.55 ft.) x 0.16 gal./ft. = 0.68 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

0.68 gallons x 3 = 2.1 gallons

PUMP DEPTH IN WELL (feet): 37	PURGING INITIATED AT: 1037	PURGING ENDED AT: 1115	TOTAL VOLUME PURGED (gallons): 3

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: ysi pro+ — SERIAL #: 18J100264

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron/H.O.I — SERIAL #: 01-6623

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1040	0	0.1	34.83	17.4	5.49	95.7	5.99	96.8	181.3	Cloudy	None
1045	0.5	0.1	34.83	17.4	5.38	95.6	5.99	96.9	149.2	Cloudy	None
1050	1	0.1	34.83	17.6	5.89	93.8	5.94	99.7	162.7	Cloudy	None
1055	1.5	0.1	34.83	17.6	5.92	84.8	5.82	106.5	38.23	Cloudy	None
1100	2	0.1	34.83	17.6	5.97	83.1	5.81	107.7	27.85	Cloudy	None
1105	2.5	0.1	34.83	17.4	5.94	84.0	5.81	109.2	31.97	Cloudy	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Erik Riegel / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1110

PUMP OR TUBING DEPTH IN WELL (feet): 37	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N (replaced)~~ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-82	4	AG	40 mL	HCl	40 mL x 4	5.81	6200	ESP	0.1
MW-82	3	AG	40 mL	HCl	40 mL x 3	5.81	VPH	ESP	0.1
MW-82	1	PP	250 mL	HNO_3	250 mL	5.81	Lead by 6010	ESP	0.1

REMARKS: 3 Well Volumes Purged, High turbidity

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-83	DATE: 11/5/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 24.20 ft. to 44.20 ft.	DEPTH TO WATER (feet): 32.47	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(44.20 ft. - 32.47 ft.) x 0.65 gal./ft. = 7.62 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

7.62 gallons x 3 = 22.86 gallons

PUMP DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 1115	PURGING ENDED AT: 1355	TOTAL VOLUME PURGED (gallons): 16.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: ysi pro+ — SERIAL #: 15C101916

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron/H.O.1 — SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1145	0	0.1	33.04	18.8	6.44	95.9	5.70	138.3	305.3	Brown	None
1150	0.5	0.1	33.04	18.7	6.43	95.3	5.70	139.2	413.5	Brown	None
1155	1	0.1	33.04	18.7	6.05	94.8	5.69	142.4	327.5	Brown	None
1200	1.5	0.1	33.03	18.7	5.90	94.8	5.69	146.5	347.8	Brown	None
1205	2	0.1	33.03	18.8	5.95	94.9	5.67	152.4	317.4	Brown	None
1210	2.5	0.1	33.03	18.8	6.05	95.0	5.67	156.3	309.1	Brown	None
1215	3	0.1	33.03	18.9	6.18	95.2	5.66	159.8	202.3	Brown	None
1220	3.5	0.1	33.03	18.8	6.13	95.4	5.65	161.1	153.3	Brown	None
1225	4.0	0.1	33.03	19.0	5.92	95.9	5.64	163.1	78.17	Cloudy	None
1230	4.5	0.1	33.03	19.0	6.03	96.0	5.64	164.5	75.62	Cloudy	None
1235	5	0.1	33.03	18.9	6.16	96.1	5.63	165.5	73.18	Cloudy	None
1240	5.5	0.1	33.03	18.9	6.19	96.1	5.62	166.4	49.40	Cloudy	None
1245	6	0.1	33.03	19.0	6.22	96.3	5.61	170.9	33.16	Cloudy	None
1250	6.5	0.1	33.03	18.9	6.18	96.1	5.61	171.3	32.27	Cloudy	None
1255	7	0.1	33.03	18.9	6.16	96.2	5.61	172.7	25.66	Cloudy	None
1300	7.5	0.1	33.03	18.8	5.93	96.3	5.61	173.4	21.81	Cloudy	None
1305	8	0.1	33.03	18.9	6.07	96.5	5.60	175.9	17.35	Cloudy	None
1310	8.5	0.1	33.03	18.9	6.05	96.6	5.60	178.0	14.72	Cloudy	None
1315	9	0.1	33.03	18.9	6.01	96.7	5.59	179.8	13.83	Cloudy	None
1320	9.5	0.1	33.03	18.9	5.91	96.7	5.59	180.4	10.77	Clear	None
1325	10	0.1	33.03	18.9	6.06	96.6	5.58	181.5	9.32	Clear	None
1330	10.5	0.1	33.03	18.8	5.97	96.6	5.58	182.6	7.67	Clear	None
1335	11	0.1	33.03	18.8	5.99	9.66	5.59	182.9	4.12	Clear	None
1340	11.5	0.1	33.03	18.9	6.03	9.67	5.59	183.6	3.63	Clear	None
1345	12	0.1	33.03	18.9	6.06	9.67	5.59	184.0	2.87	Clear	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Erik Riggs / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1350

PUMP OR TUBING DEPTH IN WELL (feet): 38	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N (replaced)~~ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-83	4	AG	40 mL	HCl	40 mL x 4	5.59	6200	ESP	0.1
MW-83	3	AG	40 mL	HCl	40 mL x 3	5.59	VPH	ESP	0.1
MW-83	1	PP	250 mL	HNO_3	250 mL	5.59	Lead by 6010	ESP	0.1

REMARKS: Pre purged 4gal prior to taking readings

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-84	DATE: 11/02/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/8"	WELL SCREEN INTERVAL DEPTH: 16.37 ft. to 36.37 ft.	DEPTH TO WATER (feet): 30.99	PUMP TYPE OR BAILER: Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(36.37 ft. - 30.99 ft.) x 0.65 gal./ft. = 3.50 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
3.50 gallons x 3 = 10.49 gallons

PUMP DEPTH IN WELL (feet): 35.99	PURGING INITIATED AT: 1315	PURGING ENDED AT: 1350	TOTAL VOLUME PURGED (gallons): 3.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil — SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1315	—	—	30.99	19.9	0.23	171.4	6.27	51.4	97.89	cloudy	none
1320	0.5	0.1	31.95	19.1	0.39	152.9	6.14	87.2	42.19	clear	
1325	1.0	0.1	31.96	19.5	0.35	152.0	6.13	99.3	17.35		
1330	1.5	0.1	32.03	20.4	0.36	154.7	6.15	102.6	4.20		
1335	2.0	0.1	32.05	20.2	0.40	153.0	6.22	104.9	0		
1340	2.5	0.1	32.05	20.6	0.39	153.6	6.25	106.2	0		
1345	3.0	0.1	32.06	20.4	0.36	155.2	6.27	105.8	0		
1350	3.5	0.1	32.06	20.1	0.34	156.0	6.29	101.8	0		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Emilia Tarellas / AECOM	SAMPLER(S) SIGNATURE(S): Emilia A. Tarellas	SAMPLE TIME: 1350

PUMP OR TUBING DEPTH IN WELL (feet): 35.99	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP Y (N) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-84	4	AG	40 mL	HCl	40 mL x 4	6.29	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-86	DATE: 11/1/21

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 15.77 ft. to 45.77 ft.	DEPTH TO WATER (feet): 33.12	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(45.77 ft. - 33.12 ft.) x .163 gal./ft. = 2.1 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

2.1 gallons x 3 = 6.3 gallons

PUMP DEPTH IN WELL (feet): 43	PURGING INITIATED AT: 0900	PURGING ENDED AT: 0955	TOTAL VOLUME PURGED (gallons): 6.8

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI Pro; SERIAL #: 13K100920

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-8347

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0900	0.2	—	33.12	15.4	7.11	134.2	6.34	73.3	997.8	Cloudy	None
0905	0.7		33.15	16.4	6.90	136.2	6.31	90.7	911.8		
0910	1.3		33.15	15.3	6.98	138.8	6.31	107.8	914.0		
0915	1.9		33.15	16.7	6.82	142.7	6.31	110.2	936.9		
0920	2.5		33.15	15.9	6.82	140.3	6.31	115.9	888.8		
0925	3.1		33.15	16.5	6.67	142.8	6.31	118.1	761.0		
0930	3.7		33.15	16.5	6.72	142.9	6.31	121.9	724.8		
0935	4.3		33.15	16.3	6.82	143.6	6.30	124.8	649.1		
0940	5.0		33.15	16.1	6.75	142.9	6.29	126.9	589.3		
0945	5.5		33.15	16.0	6.86	142.1	6.29	126.8	718.9		
0950	6.2		33.15	16.2	6.92	142.0	6.29	129.7	695.5		
0955	6.8		33.15	16.2	6.98	141.8	6.29	131.0	706.4		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Tim Dickey/AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1005

PUMP OR TUBING DEPTH IN WELL (feet): 43	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-86	4	AG	40 mL	HCl	40 mL x 4	6.29	6200	ESP	
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-87	DATE: 11/03/21
WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/8"	WELL SCREEN INTERVAL DEPTH: 38.04 ft. to 58.04 ft.	DEPTH TO WATER (feet): 47.89	PUMP TYPE OR BAILER: Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(58.04 ft. - 47.89 ft.) x 0.65 gal./ft. = 6.60 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
6.60 gallons x 3 = 19.79 gallons

PUMP DEPTH IN WELL (feet): 52.89	PURGING INITIATED AT: 0945	PURGING ENDED AT: 1040	TOTAL VOLUME PURGED (gallons): 5.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil — SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0945	—	—	47.89	15.0	2.52	225.9	7.05	80.8	250	clear	none
0950	0.5	0.1	48.68	14.5	2.19	225.3	7.08	51.5	243		
0955	1.0	0.1	48.60	14.6	2.20	228.8	7.13	-5.9	230		
1000	1.5	0.1	49.50	14.9	2.17	230.7	7.13	-16.0	237		
1005	2.0	0.1	48.50	15.1	1.98	230.9	7.12	-12.1	240		
1010	2.5	0.1	48.50	15.4	1.75	230.5	7.08	-13.9	353.9		
1015	3.0	0.1	48.50	15.4	1.71	229.5	7.06	-6.5	372.1		
1020	3.5	0.1	48.53	15.6	1.53	225.7	6.99	4.6	376.5		
1025	4.0	0.1	48.53	16.8	0.65	228.0	6.93	12.8	374.7		
1030	4.5	0.1	48.55	17.0	0.63	225.6	6.84	12.1	370.3		
1035	5.0	0.1	48.55	17.1	0.68	222.3	6.80	15.7	368.7		
1040	5.5	0.1	48.57	17.1	0.68	222.2	6.80	17.2	366.6		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Emilia Tarellas / AECOM	SAMPLER(S) SIGNATURE(S): Emilia A. Tarellas	SAMPLE TIME: 1040
PUMP OR TUBING DEPTH IN WELL (feet): 52.89	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-87	4	AG	40 mL	HCl	40 mL x 4	6.80	6200	ESP	0.1
↓	3	AG	40 mL	HCl	40 mL x 3	↓	VPH	↓	↓
↓	1	PP	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-89	DATE: 11/03/21
WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/8"	WELL SCREEN INTERVAL DEPTH: 46.62 ft. to 66.62 ft.	DEPTH TO WATER (feet): 45.65	PUMP TYPE OR BAILER: Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(66.62 ft. - 45.65 ft.) x 0.16 gal./ft. = 3.36 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
3.36 gallons x 3 = 10.07 gallons

PUMP DEPTH IN WELL (feet): 50.65	PURGING INITIATED AT: 1145	PURGING ENDED AT: 1230	TOTAL VOLUME PURGED (gallons): 4.5

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI — SERIAL #: 17C101605

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.oil — SERIAL #: 01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1145	—	—	45.65	15.4	7.45	117.3	6.46	109.2	915.8	cloudy	none
1150	0.1	0.5	46.40	16.0	7.29	118.8	6.41	125.7	>1000		
1155	0.1	1.0	46.44	16.5	7.60	120.2	6.40	136.7	651.6		
1200	0.1	1.5	46.47	16.5	7.44	120.1	6.39	141.2	643.6		
1205	0.1	2.0	46.46	16.6	7.65	120.4	6.39	144.1	618.6		
1210	0.1	2.5	46.46	16.5	7.40	120.2	6.39	149.8	797.0		
1215	0.1	3.0	46.46	16.7	7.43	120.6	6.39	153.2	799.1		
1220	0.1	3.5	46.46	16.6	7.39	120.4	6.39	156.0	796.7		
1225	0.1	4.0	46.47	16.7	7.42	120.7	6.38	157.6	793.4		
1230	0.1	4.5	46.48	16.7	7.48	120.3	6.39	158.0	792.1		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Emilia Tsirellas / AECOM	SAMPLER(S) SIGNATURE(S): Emilia C. Tsirellas	SAMPLE TIME: 1230
PUMP OR TUBING DEPTH IN WELL (feet): 50.65	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-89	4	AG	40 mL	HCl	40 mL x 4	6.38	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION	PROJECT NUMBER	WELL NAME	DATE
2020-L1-2448 Incident	Huntersville, NC	60639876	MW-89	11/03/21

WELL DIAMETER (inches)	TUBING DIAMETER (inches)	WELL SCREEN INTERVAL DEPTH	DEPTH TO WATER (feet)	PUMP TYPE OR BAILER
2	1/8"	36.87 ft. to 56.87 ft.	47.81	Pump

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY
(56.89 ft. - 47.81 ft.) x 0.16 gal./ft. = 1.45 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3
1.45 gallons x 3 = 4.35 gallons

PUMP DEPTH IN WELL (feet)	PURGING INITIATED AT	PURGING ENDED AT	TOTAL VOLUME PURGED (gallons)
52.81	1355	1440	4.5

EQUIPMENT INFORMATION	MAKE/MODEL	SERIAL #
WATER QUALITY METER	YSI	17C101605
OIL/WATER INTERFACE PROBE	Heron H.oil	01-2919

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1355	—	—	47.81	16.1	6.82	126.5	6.50	129.2	130.9	brown	none
1400	0.5	0.1	49.00	16.3	6.87	126.7	6.50	130.4	123.5		
1405	1.0	0.1	49.29	16.5	7.12	121.4	6.43	150.4	102.7		
1410	1.5	0.1	49.33	16.4	7.14	120.1	6.41	156.3	221.0		
1415	2.0	0.1	49.47	16.4	7.10	120.2	6.41	155.5	180.3		
1420	2.5	0.1	49.51	16.5	7.10	118.5	6.38	146.2	202.7		
1425	3.0	0.1	49.57	16.3	7.05	118.4	6.38	135.7	237.1		
1430	3.5	0.1	49.65	16.5	7.33	119.7	6.39	138.0	358.5		
1435	4.0	0.1	49.67	16.5	7.30	119.7	6.40	137.9	372.0		
1440	4.5	0.1	49.70	16.6	7.18	120.1	6.38	143.1	386.3		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	SAMPLE TIME
Emilia Tarellas / AECOM	Emilia C. Tarellas	1440

PUMP OR TUBING DEPTH IN WELL (feet)	TUBING MATERIAL CODE	FIELD-FILTERED: Y (N)	FILTER SIZE: -- µm
52.81	HDPE	Filtration Equipment Type: --	

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-89	4	AG	40 mL	HCl	40 mL x 4	6.38	6200	ESP	0.1
↓	3	AG	40 mL	HCl	40 mL x 3	↓	VPH	↓	↓
↓	1	PP	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-89D	DATE: 11/03/21

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: ft. to 146 ft.	DEPTH TO WATER (feet): 48.75	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(146 ft. - 48.75 ft.) x 0.65 gal./ft. = 63.21 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

63.21 gallons x 3 = 189.63 gallons

PUMP DEPTH IN WELL (feet): 140	PURGING INITIATED AT: 1350	PURGING ENDED AT: 1425	TOTAL VOLUME PURGED (gallons): 1.75

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba U-52; SERIAL #: 15C101916

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1400	0.5	0.05	49.65	15.1	1.09	221.8	7.95	43.9	127.1	Clear	none
1405	0.75		50.22	15.2	1.11	222.2	7.93	38.4	120.1		
1410	1.0		50.96	15.3	1.13	222.8	7.92	32.3	113.7		
1415	1.25		51.05	15.4	1.14	223.3	7.91	28.6	108.7		
1420	1.5		51.15	15.4	1.17	223.1	7.92	25.2	102.3		
1425	1.75		51.32	15.3	1.15	223.0	7.91	24.6	103.4		

Mike de Kozlowski 11/03/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1435

PUMP OR TUBING DEPTH IN WELL (feet): 140	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-89D	4	AG	40 mL	HCl	40 mL x 4		6200	ESP	0.05
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Cloudy, 50's EB-1-20211103 Collected

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-90DD	DATE: 11/04/21

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: — ft. to — ft.	DEPTH TO WATER (feet): 58.12	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(202.2 ft. - 58.12 ft.) x 0.65 gal./ft. = 93.65 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

93.65 gallons x 3 = 280.95 gallons

PUMP DEPTH IN WELL (feet): 170	PURGING INITIATED AT: 1105	PURGING ENDED AT: 1135	TOTAL VOLUME PURGED (gallons): 2.25

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba U-52; SERIAL #: 15C101916

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1115	0.75	0.075	58.33	15.8	0.72	205.0	7.82	-119.2	9.86	Clear	none
1120	1.125		58.39	15.8	0.42	205.5	7.79	-119.9	9.12		
1125	1.5		58.46	15.8	0.39	205.3	7.79	-120.8	8.88		
1130	1.875		58.58	15.8	0.33	205.4	7.77	-123.0	8.75		
1135	2.25		58.63	15.8	0.36	205.1	7.72	-124.1	8.93		

Mike de Kozlowski 11/04/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1145
PUMP OR TUBING DEPTH IN WELL (feet): 170	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-90DD	4	AG	40 mL	HCl	40 mL x 4	7.72	6200	ESP	0.075
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Rainy, 50's

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-91DD	DATE: 11/05/21

WELL DIAMETER (inches): 6"	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: — ft. to 202.7 ft.	DEPTH TO WATER (feet): 168.63	PUMP TYPE OR BAILER: Bailer

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(202.7 ft. - 168.63 ft.) x 1.47 gal./ft. = 50.08 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

50.08 gallons x 3 = 150.24 gallons

PUMP DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: 0930	PURGING ENDED AT: 1300	TOTAL VOLUME PURGED (gallons): 50

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba U-52; SERIAL #: 15C101916

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.Oil; SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1300	50	N/A	190.46	16.1	6.24	233.7	7.39	78.4	31.11	clear	none

Mike de Kozlowski 11/05/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1300
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: N/A	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-91DD	4	AG	40 mL	HCl	40 mL x 4	7.39	6200	ESP	N/A
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Rainy, 50's — One well volume purged and sample was collected in fracture zone after water level began to recharge

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-92	DATE: 11-03-2021

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 50.13 ft. to 75.13 ft.	DEPTH TO WATER (feet): 56.81	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY	3 WELL VOLUMES = 1 WELL VOLUME X 3
(75.13 ft. - 56.81 ft.) x 0.16 gal./ft. = _____ gallons	_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet): 61.0	PURGING INITIATED AT: 1259	PURGING ENDED AT: 1405	TOTAL VOLUME PURGED (gallons):

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: YSI PRO SERIAL #: 16F100209	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron SERIAL #: 185908

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1300			57.37	16.1	7.31	125.6	6.43	66.6	614.1	Cloudy	None
1305	.75		57.30	16.4	7.15	125.4	6.44	65.3	394.3	Brown.	None
1310	1.25		57.34	16.8	7.09	125.6	6.44	64.5	336.6	Brown	None
1315	1.80		57.32	16.9	7.12	125.8	6.43	65.1	564.7	Brown	None
1320.	2.25		57.28	17.0	7.20	126.0	6.44	66.0	632.9	Brown	None
1325.	2.80		57.25	17.1	7.29	126.2	6.43	67.4	828.6	Brown	None
1330	3.60		57.40	17.2	7.31	126.2	6.42	68.4	544.9	Brown	None
1335	4.85		57.45	17.0	7.32	126.0	6.41	70.1	195.2	brown	None
1340	5.15		57.38	16.9	7.30	126.4	6.42	71.0	137.9	Brown	None
1345	5.65		57.33	16.8	7.31	126.6	6.42	71.2	88.00	Cloudy	None
1350	6.10		57.32	17.0	7.34	126.9	6.42	71.0	86.34	Cloudy	None
1355	7.00		57.30	17.2	7.36	127.0	6.42	70.8	90.83	Cloudy	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mariah Rockwell	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1400

PUMP OR TUBING DEPTH IN WELL (feet): 62.0	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS: MW-92 *Water has sheen

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-93	DATE: 11-03-2021

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 44.36 ft. to 66.36 ft.	DEPTH TO WATER (feet): 54.99	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(66.36 ft. - 54.99 ft.) x 0.16 gal./ft. = 1.82 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

1.82 gallons x 3 = 5.46 gallons

PUMP DEPTH IN WELL (feet): 56.00	PURGING INITIATED AT: 0950	PURGING ENDED AT: 1055	TOTAL VOLUME PURGED (gallons):

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI PRO — SERIAL #: 16F100209

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron — SERIAL #: 185908

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0954	-	-	56.42	14.7	5.27	152.0	6.51	38.3	300.6	Cloudy	None
0959	1.10		56.57	16.4	6.37	129.7	6.60	77.9	83.00	Brown	None
1004	2.20		56.92	16.5	6.01	131.4	6.60	76.3	350.9	Brown	None
1009	3.35		57.42	16.5	6.20	131.7	6.61	75.0	122.4	Brown	None
1014	4.45		58.80	16.0	6.23	132.5	6.59	72.0	238.8	Brown	None
1019	5.50		58.30	16.8	5.97	133.5	6.59	68.3	298.9	Brown	None
1024	6.60		58.90	17.0	6.03	133.9	6.58	64.7	890.3	Brown	none
1029	7.70		59.24	16.8	6.15	133.4	6.58	62.4	307.5	Brown	None
1034	8.85		59.30	16.7	6.19	133.4	6.57	62.1	235.9	Brown	None
1039	9.90		59.37	16.7	6.20	133.4	6.58	62.3	225.8	Brown	none
1044	10.50		59.42	16.6	6.22	133.5	6.57	62.2	231.5	Brown	none
1049	11.20		59.45	16.8	6.22	133.5	6.57	62.4	222.4	Brown	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mariah Rockwell

SAMPLER(S) SIGNATURE(S):

SAMPLE TIME: 1055

PUMP OR TUBING DEPTH IN WELL (feet): 60.45

TUBING MATERIAL CODE: LDPE

FIELD-FILTERED: Y (N) FILTER SIZE: -- µm

Filtration Equipment Type: --

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced)

DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS: MW-93 & DUP-93-20211103 *Water has sheen

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-94	DATE: 11/3/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 40.11 ft. to 55.11 ft.	DEPTH TO WATER (feet): 41.31	PUMP TYPE OR BAILER: ESP

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(55.11 ft. - 41.31 ft.) x 0.65 gal./ft. = 9.0 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

9.0 gallons x 3 = 27 gallons

PUMP DEPTH IN WELL (feet): 52	PURGING INITIATED AT: 0850	PURGING ENDED AT: 0940	TOTAL VOLUME PURGED (gallons): 6.2

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: YSI / Pro — SERIAL #: 13K100920

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron / H.oil — SERIAL #: 01.83477

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0850	0.2		41.31	14.9	5.73	135.1	6.41	158.2	48.31	Clear	None
0855	0.9		41.35	14.8	5.43	135.5	6.38	159.4	167.9		
0900	1.5		41.35	15.3	5.31	137.2	6.37	161.2	338.3		
0905	2.1		41.35	15.1	4.91	136.2	6.36	162.7	349.0		
0910	2.7		41.35	15.0	4.93	135.9	6.35	163.0	394.6		
0915	3.3		41.35	15.4	4.96	137.1	6.35	163.2	411.7		
0920	3.9		41.35	14.7	4.98	135.1	6.35	163.7	432.9		
0925	4.4		41.35	15.0	5.03	136.4	6.34	163.9	422.2		
0930	5.0		41.35	14.9	5.00	136.0	6.34	164.1	456.7		
0935	5.5		41.35	15.2	5.11	136.4	6.34	163.8	445.2		
0940	6.2		41.36	15.3	5.00	136.6	6.35	164.0	452.1		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 0950

PUMP OR TUBING DEPTH IN WELL (feet): 52	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-94	4	AG	40 mL	HCl	40 mL x 4	6.35	6200	ESP	
"	3	AG	40 mL	HCl	40 mL x 3	"	VPH	"	
"	1	PP	250 mL	HNO_3	250 mL	"	Lead by 6010	"	
NA	3	AG	40 mL	HCl	40 mL x 3	—	8015	—	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-95	DATE: 11/4/21
WELL DIAMETER (inches): 4	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 15 ft. to 60 ft.	DEPTH TO WATER (feet): 24.03	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(_____ ft. - _____ ft.) x _____ gal./ft. = _____ gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1500	PURGING ENDED AT: 1530	TOTAL VOLUME PURGED (gallons): 3

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba — SERIAL #:

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.01 — SERIAL #:

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1300	0		24.03	14.71	8.78	177	6.35	247	68.9	cloudy	NO
1305				14.87	4.91	178	6.34	246	73.2		
1310				14.85	4.62	179	6.33	246	71.7		
1315				14.81	3.90	179	6.32	246	65.1		
1320				14.78	3.18	179	6.31	246	64.5		
1325				14.81	3.30	179	6.37	246	66.8	"	"
1330				14.80	3.27	179	6.32	246	65.7	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jim Dimitrolf AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1335

PUMP OR TUBING DEPTH IN WELL (feet): 35	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N~~ (replaced) DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
	4	AG	40 mL	HCl	40 mL x 4		6200		.
	3	AG	40 mL	HCl	40 mL x 3		VPH		.
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

DUP-2-20211104

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-96	DATE: 11/4/21

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 15 ft. to 60 ft.	DEPTH TO WATER (feet): 23.46	PUMP TYPE OR BAILER: Monsoon

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(_____ ft. - _____ ft.) x _____ gal./ft. = _____ gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

_____ gallons x 3 = _____ gallons

PUMP DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1250	PURGING ENDED AT: 1320	TOTAL VOLUME PURGED (gallons): 3

EQUIPMENT INFORMATION WATER QUALITY METER — MAKE/MODEL: Horiba — SERIAL #:

EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE — MAKE/MODEL: Heron H.01 — SERIAL #:

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1250	0	0.1	23.48	14.29	4.38	186	5.96	237	435	Cloudy	N/O
1255	0.5		23.51	14.79	4.78	186	5.95	244	380		
1300	1		23.55	14.81	4.63	187	5.94	252	283		
1305	1.5		23.55	14.86	4.53	187	5.94	253	207		
1310	2		23.58	14.84	4.31	187	5.94	255	149		
1315	2.5		23.57	14.85	4.36	187	5.94	256	144		
1320	3		23.58	14.86	4.33	187	5.94	255	151		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jim Dimitrolt AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLE TIME: 1325

PUMP OR TUBING DEPTH IN WELL (feet): 35	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y ~~N~~ (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCl	40 mL x 4		6200		
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	WELL NAME: MW-97D	DATE: 11/03/21

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 122.50 ft. to 134.63 ft.	DEPTH TO WATER (feet): 23.62	PUMP TYPE OR BAILER: Bladder

1 WELL VOLUME = (TD-DTW) x WELL CAPACITY

(134.63 ft. - 23.62 ft.) x 0.65 gal./ft. = 72.16 gallons

3 WELL VOLUMES = 1 WELL VOLUME X 3

72.16 gallons x 3 = 216.48 gallons

PUMP DEPTH IN WELL (feet): 128	PURGING INITIATED AT: 0940	PURGING ENDED AT: 1035	TOTAL VOLUME PURGED (gallons): 2.75

EQUIPMENT INFORMATION WATER QUALITY METER	MAKE/MODEL: Horiba U-52 SERIAL #: 15C101916	EQUIPMENT INFORMATION OIL/WATER INTERFACE PROBE	MAKE/MODEL: Heron H.Oil SERIAL #: 01-7821

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1025	2.25	0.05	23.69	14.7	2.27	263.3	7.38	97.4	14.17	Clear	none
1030	2.5		23.71	14.7	2.27	263.0	7.37	97.8	13.92		
1035	2.75		23.74	14.7	2.22	263.3	7.37	98.6	13.72		

Mike de Kozlowski 11/03/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLE TIME: 1045
PUMP OR TUBING DEPTH IN WELL (feet): 128	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: -- FILTER SIZE: -- µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-97D	4	AG	40 mL	HCl	40 mL x 4	7.37	6200	ESP	0.1
	3	AG	40 mL	HCl	40 mL x 3		VPH		
	1	PP	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:

Sunny, 60's

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

APPENDIX C

LABORATORY ANALYTICAL REPORTS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 21, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92563977

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on September 29, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92563977

Pace Analytical Services National
12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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(704)875-9092

SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92563977

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92563977001	**MW-96 (56-58)**	Solid	09/28/21 12:00	09/29/21 11:36

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92563977

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92563977001	**MW-96 (56-58)**	MADEP VPH	JAH	6	PAN
		EPA 8260D	BMB	71	PAN
		SM 2540G	KDW	1	PAN

PAN = Pace National - Mt. Juliet

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92563977

Sample: MW-96 (56-58) **Lab ID: 92563977001** Collected: 09/28/21 12:00 Received: 09/29/21 11:36 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEPV	Analytical Method: MADEP VPH Preparation Method: MADEPV Pace National - Mt. Juliet								
Aliphatic (C05-C08)	**3330J**	ug/kg	6680	2230	1.05	09/28/21 12:00	10/21/21 08:38		B,J
Aliphatic (C09-C12)	**2280J**	ug/kg	6680	2230	1.05	09/28/21 12:00	10/21/21 08:38		J
Aromatic (C09-C10),Unadjusted	ND	ug/kg	6680	2230	1.05	09/28/21 12:00	10/21/21 08:38	TPHC9C10A	
Total VPH	**5610J**	ug/kg	6680	2230	1.05	09/28/21 12:00	10/21/21 08:38	VPH	B,J
Surrogates									
2,5-Dibromotoluene (FID)	101	%	70.0-130		1.05	09/28/21 12:00	10/21/21 08:38	615-59-8FID	
2,5-Dibromotoluene (PID)	98.9	%	70.0-130		1.05	09/28/21 12:00	10/21/21 08:38	615-59-8PID	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
Acetone	ND	ug/kg	64.5	47.1	1.01	09/28/21 12:00	10/07/21 06:28	67-64-1	C3
Benzene	ND	ug/kg	1.29	0.603	1.01	09/28/21 12:00	10/07/21 06:28	71-43-2	
Bromobenzene	ND	ug/kg	16.1	1.16	1.01	09/28/21 12:00	10/07/21 06:28	108-86-1	
Bromodichloromethane	ND	ug/kg	3.23	0.935	1.01	09/28/21 12:00	10/07/21 06:28	75-27-4	
Bromoform	ND	ug/kg	32.3	1.51	1.01	09/28/21 12:00	10/07/21 06:28	75-25-2	
Bromomethane	ND	ug/kg	16.1	2.54	1.01	09/28/21 12:00	10/07/21 06:28	74-83-9	
n-Butylbenzene	ND	ug/kg	16.1	6.77	1.01	09/28/21 12:00	10/07/21 06:28	104-51-8	
sec-Butylbenzene	ND	ug/kg	16.1	3.72	1.01	09/28/21 12:00	10/07/21 06:28	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.45	2.52	1.01	09/28/21 12:00	10/07/21 06:28	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.45	1.16	1.01	09/28/21 12:00	10/07/21 06:28	56-23-5	
Chlorobenzene	ND	ug/kg	3.23	0.271	1.01	09/28/21 12:00	10/07/21 06:28	108-90-7	
Dibromochloromethane	ND	ug/kg	3.23	0.790	1.01	09/28/21 12:00	10/07/21 06:28	124-48-1	
Chloroethane	ND	ug/kg	6.45	2.20	1.01	09/28/21 12:00	10/07/21 06:28	75-00-3	
Chloroform	ND	ug/kg	3.23	1.33	1.01	09/28/21 12:00	10/07/21 06:28	67-66-3	
Chloromethane	ND	ug/kg	16.1	5.61	1.01	09/28/21 12:00	10/07/21 06:28	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.23	1.12	1.01	09/28/21 12:00	10/07/21 06:28	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.45	0.581	1.01	09/28/21 12:00	10/07/21 06:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	32.3	5.03	1.01	09/28/21 12:00	10/07/21 06:28	96-12-8	C3
1,2-Dibromoethane (EDB)	ND	ug/kg	3.23	0.836	1.01	09/28/21 12:00	10/07/21 06:28	106-93-4	
Dibromomethane	ND	ug/kg	6.45	0.967	1.01	09/28/21 12:00	10/07/21 06:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.45	0.548	1.01	09/28/21 12:00	10/07/21 06:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.45	0.774	1.01	09/28/21 12:00	10/07/21 06:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.45	0.903	1.01	09/28/21 12:00	10/07/21 06:28	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.23	2.08	1.01	09/28/21 12:00	10/07/21 06:28	75-71-8	C3
1,1-Dichloroethane	ND	ug/kg	3.23	0.634	1.01	09/28/21 12:00	10/07/21 06:28	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.23	0.837	1.01	09/28/21 12:00	10/07/21 06:28	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.23	0.782	1.01	09/28/21 12:00	10/07/21 06:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.23	0.947	1.01	09/28/21 12:00	10/07/21 06:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.45	1.34	1.01	09/28/21 12:00	10/07/21 06:28	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.45	1.83	1.01	09/28/21 12:00	10/07/21 06:28	78-87-5	
1,1-Dichloropropene	ND	ug/kg	3.23	1.04	1.01	09/28/21 12:00	10/07/21 06:28	563-58-6	
1,3-Dichloropropane	ND	ug/kg	6.45	0.646	1.01	09/28/21 12:00	10/07/21 06:28	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	3.23	0.977	1.01	09/28/21 12:00	10/07/21 06:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.45	1.47	1.01	09/28/21 12:00	10/07/21 06:28	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92563977

Sample: MW-96 (56-58) **Lab ID: 92563977001** Collected: 09/28/21 12:00 Received: 09/29/21 11:36 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
2,2-Dichloropropane	ND	ug/kg	3.23	1.78	1.01	09/28/21 12:00	10/07/21 06:28	594-20-7	
Diisopropyl ether	ND	ug/kg	1.29	0.529	1.01	09/28/21 12:00	10/07/21 06:28	108-20-3	
Ethylbenzene	ND	ug/kg	3.23	0.951	1.01	09/28/21 12:00	10/07/21 06:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	32.3	7.74	1.01	09/28/21 12:00	10/07/21 06:28	87-68-3	
2-Hexanone	ND	ug/kg	32.3	4.33	1.01	09/28/21 12:00	10/07/21 06:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.23	0.548	1.01	09/28/21 12:00	10/07/21 06:28	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.45	3.30	1.01	09/28/21 12:00	10/07/21 06:28	99-87-6	
2-Butanone (MEK)	ND	ug/kg	129	81.9	1.01	09/28/21 12:00	10/07/21 06:28	78-93-3	
Methylene Chloride	ND	ug/kg	32.3	8.57	1.01	09/28/21 12:00	10/07/21 06:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	32.3	2.94	1.01	09/28/21 12:00	10/07/21 06:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1.29	0.451	1.01	09/28/21 12:00	10/07/21 06:28	1634-04-4	
Naphthalene	ND	ug/kg	16.1	6.30	1.01	09/28/21 12:00	10/07/21 06:28	91-20-3	C3
n-Propylbenzene	ND	ug/kg	6.45	1.23	1.01	09/28/21 12:00	10/07/21 06:28	103-65-1	
Styrene	ND	ug/kg	16.1	0.295	1.01	09/28/21 12:00	10/07/21 06:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.23	1.22	1.01	09/28/21 12:00	10/07/21 06:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.23	0.897	1.01	09/28/21 12:00	10/07/21 06:28	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.23	0.974	1.01	09/28/21 12:00	10/07/21 06:28	76-13-1	
Tetrachloroethene	ND	ug/kg	3.23	1.16	1.01	09/28/21 12:00	10/07/21 06:28	127-18-4	
Toluene	ND	ug/kg	6.45	1.67	1.01	09/28/21 12:00	10/07/21 06:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	16.1	9.45	1.01	09/28/21 12:00	10/07/21 06:28	87-61-6	C4
1,2,4-Trichlorobenzene	ND	ug/kg	16.1	5.67	1.01	09/28/21 12:00	10/07/21 06:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.23	1.19	1.01	09/28/21 12:00	10/07/21 06:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.23	0.770	1.01	09/28/21 12:00	10/07/21 06:28	79-00-5	
Trichloroethene	ND	ug/kg	1.29	0.754	1.01	09/28/21 12:00	10/07/21 06:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.23	1.07	1.01	09/28/21 12:00	10/07/21 06:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	16.1	2.10	1.01	09/28/21 12:00	10/07/21 06:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.45	2.04	1.01	09/28/21 12:00	10/07/21 06:28	95-63-6	
1,2,3-Trimethylbenzene	ND	ug/kg	6.45	2.04	1.01	09/28/21 12:00	10/07/21 06:28	526-73-8	
1,3,5-Trimethylbenzene	ND	ug/kg	6.45	2.58	1.01	09/28/21 12:00	10/07/21 06:28	108-67-8	
Vinyl acetate	ND	ug/kg	16.1	3.28	1.01	09/28/21 12:00	10/07/21 06:28	108-05-4	C3,R1
Vinyl chloride	ND	ug/kg	3.23	1.49	1.01	09/28/21 12:00	10/07/21 06:28	75-01-4	
o-Xylene	ND	ug/kg	3.23	1.14	1.01	09/28/21 12:00	10/07/21 06:28	95-47-6	
m&p-Xylene	ND	ug/kg	5.16	2.45	1.01	09/28/21 12:00	10/07/21 06:28	179601-23-1	
Xylene (Total)	ND	ug/kg	8.38	1.14	1.01	09/28/21 12:00	10/07/21 06:28	1330-20-7	
Surrogates									
Toluene-d8 (S)	111	%	75.0-131		1.01	09/28/21 12:00	10/07/21 06:28	2037-26-5	
4-Bromofluorobenzene (S)	102	%	67.0-138		1.01	09/28/21 12:00	10/07/21 06:28	460-00-4	
1,2-Dichloroethane-d4 (S)	91.8	%	70.0-130		1.01	09/28/21 12:00	10/07/21 06:28	17060-07-0	
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet								
Total Solids	**87.8**	%			1	10/06/21 11:30	10/06/21 12:08		

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92563977

QC Batch: 1757212
QC Batch Method: KS LRH/MADEPV/MTDEQ VPH/VPH
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92563977001

METHOD BLANK: R3719556-3 Matrix: Solid
Associated Lab Samples: 92563977001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/kg	4510J	5000	1670	10/21/21 04:34	J
Aliphatic (C09-C12)	ug/kg	ND	5000	1670	10/21/21 04:34	
Aromatic (C09-C10),Unadjusted	ug/kg	ND	5000	1670	10/21/21 04:34	
Total VPH	ug/kg	4510J	5000	1670	10/21/21 04:34	J
2,5-Dibromotoluene (FID)	%	101	70.0-130		10/21/21 04:34	
2,5-Dibromotoluene (PID)	%	102	70.0-130		10/21/21 04:34	

LABORATORY CONTROL SAMPLE & LCSD: R3719556-1 R3719556-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/kg	60000	50300	48600	83.8	81.0	70.0-130	3.44	25	
Aliphatic (C09-C12)	ug/kg	70000	62300	60100	89.0	85.9	70.0-130	3.59	25	
Aromatic (C09-C10),Unadjusted	ug/kg	10000	8640	8400	86.4	84.0	70.0-130	2.82	25	
Total VPH	ug/kg	140000	121000	117000	86.4	83.6	70.0-130	3.36	25	
2,5-Dibromotoluene (FID)	%				106	104	70.0-130			
2,5-Dibromotoluene (PID)	%				105	103	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3719556-4 R3719556-5

Parameter	Units	L1409091-02 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aliphatic (C05-C08)	ug/kg	8520	181000	181000	170000	170000	93.5	93.5	70.0-130	0.00	25	
Aliphatic (C09-C12)	ug/kg	ND	211000	211000	197000	193000	93.2	91.4	70.0-130	2.01	25	
Aromatic (C09-C10),Unadjusted	ug/kg	ND	30300	30300	27800	27300	91.8	90.1	70.0-130	1.90	25	
Total VPH	ug/kg	ND	424000	424000	394000	390000	92.9	92.0	70.0-130	0.998	25	
2,5-Dibromotoluene (FID)	%						108	104	70.0-130			
2,5-Dibromotoluene (PID)	%						103	99.2	70.0-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92563977

QC Batch: 1752736
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92563977001

METHOD BLANK: R3718097-3 Matrix: Solid
Associated Lab Samples: 92563977001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Acetone	ug/kg	ND	50.0	36.5	10/07/21 01:48	
Benzene	ug/kg	ND	1.00	0.467	10/07/21 01:48	
Bromobenzene	ug/kg	ND	12.5	0.900	10/07/21 01:48	
Bromodichloromethane	ug/kg	ND	2.50	0.725	10/07/21 01:48	
Bromoform	ug/kg	ND	25.0	1.17	10/07/21 01:48	
Bromomethane	ug/kg	ND	12.5	1.97	10/07/21 01:48	
n-Butylbenzene	ug/kg	ND	12.5	5.25	10/07/21 01:48	
sec-Butylbenzene	ug/kg	ND	12.5	2.88	10/07/21 01:48	
tert-Butylbenzene	ug/kg	ND	5.00	1.95	10/07/21 01:48	
Carbon tetrachloride	ug/kg	ND	5.00	0.898	10/07/21 01:48	
Chlorobenzene	ug/kg	ND	2.50	0.210	10/07/21 01:48	
Dibromochloromethane	ug/kg	ND	2.50	0.612	10/07/21 01:48	
Chloroethane	ug/kg	ND	5.00	1.70	10/07/21 01:48	
Chloroform	ug/kg	ND	2.50	1.03	10/07/21 01:48	
Chloromethane	ug/kg	ND	12.5	4.35	10/07/21 01:48	
2-Chlorotoluene	ug/kg	ND	2.50	0.865	10/07/21 01:48	
4-Chlorotoluene	ug/kg	ND	5.00	0.450	10/07/21 01:48	
1,2-Dibromo-3-chloropropane	ug/kg	ND	25.0	3.90	10/07/21 01:48	
1,2-Dibromoethane (EDB)	ug/kg	ND	2.50	0.648	10/07/21 01:48	
Dibromomethane	ug/kg	ND	5.00	0.750	10/07/21 01:48	
1,2-Dichlorobenzene	ug/kg	ND	5.00	0.425	10/07/21 01:48	
1,3-Dichlorobenzene	ug/kg	ND	5.00	0.600	10/07/21 01:48	
1,4-Dichlorobenzene	ug/kg	ND	5.00	0.700	10/07/21 01:48	
Dichlorodifluoromethane	ug/kg	ND	2.50	1.61	10/07/21 01:48	
1,1-Dichloroethane	ug/kg	ND	2.50	0.491	10/07/21 01:48	
1,2-Dichloroethane	ug/kg	ND	2.50	0.649	10/07/21 01:48	
1,1-Dichloroethene	ug/kg	ND	2.50	0.606	10/07/21 01:48	
cis-1,2-Dichloroethene	ug/kg	ND	2.50	0.734	10/07/21 01:48	
trans-1,2-Dichloroethene	ug/kg	ND	5.00	1.04	10/07/21 01:48	
1,2-Dichloropropane	ug/kg	ND	5.00	1.42	10/07/21 01:48	
1,1-Dichloropropene	ug/kg	ND	2.50	0.809	10/07/21 01:48	
1,3-Dichloropropane	ug/kg	ND	5.00	0.501	10/07/21 01:48	
cis-1,3-Dichloropropene	ug/kg	ND	2.50	0.757	10/07/21 01:48	
trans-1,3-Dichloropropene	ug/kg	ND	5.00	1.14	10/07/21 01:48	
2,2-Dichloropropane	ug/kg	ND	2.50	1.38	10/07/21 01:48	
Diisopropyl ether	ug/kg	ND	1.00	0.410	10/07/21 01:48	
Ethylbenzene	ug/kg	ND	2.50	0.737	10/07/21 01:48	
Hexachloro-1,3-butadiene	ug/kg	ND	25.0	6.00	10/07/21 01:48	
2-Hexanone	ug/kg	ND	25.0	3.36	10/07/21 01:48	
Isopropylbenzene (Cumene)	ug/kg	ND	2.50	0.425	10/07/21 01:48	

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92563977

METHOD BLANK: R3718097-3 Matrix: Solid
Associated Lab Samples: 92563977001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
p-Isopropyltoluene	ug/kg	ND	5.00	2.55	10/07/21 01:48	
2-Butanone (MEK)	ug/kg	82.5J	100	63.5	10/07/21 01:48	J
Methylene Chloride	ug/kg	ND	25.0	6.64	10/07/21 01:48	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	2.28	10/07/21 01:48	
Methyl-tert-butyl ether	ug/kg	ND	1.00	0.350	10/07/21 01:48	
Naphthalene	ug/kg	ND	12.5	4.88	10/07/21 01:48	
n-Propylbenzene	ug/kg	ND	5.00	0.950	10/07/21 01:48	
Styrene	ug/kg	ND	12.5	0.229	10/07/21 01:48	
1,1,1,2-Tetrachloroethane	ug/kg	ND	2.50	0.948	10/07/21 01:48	
1,1,2,2-Tetrachloroethane	ug/kg	ND	2.50	0.695	10/07/21 01:48	
Tetrachloroethene	ug/kg	ND	2.50	0.896	10/07/21 01:48	
Toluene	ug/kg	ND	5.00	1.30	10/07/21 01:48	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	2.50	0.754	10/07/21 01:48	
1,2,3-Trichlorobenzene	ug/kg	ND	12.5	7.33	10/07/21 01:48	
1,2,4-Trichlorobenzene	ug/kg	ND	12.5	4.40	10/07/21 01:48	
1,1,1-Trichloroethane	ug/kg	ND	2.50	0.923	10/07/21 01:48	
1,1,2-Trichloroethane	ug/kg	ND	2.50	0.597	10/07/21 01:48	
Trichloroethene	ug/kg	ND	1.00	0.584	10/07/21 01:48	
Trichlorofluoromethane	ug/kg	ND	2.50	0.827	10/07/21 01:48	
1,2,3-Trichloropropane	ug/kg	ND	12.5	1.62	10/07/21 01:48	
1,2,3-Trimethylbenzene	ug/kg	ND	5.00	1.58	10/07/21 01:48	
1,2,4-Trimethylbenzene	ug/kg	ND	5.00	1.58	10/07/21 01:48	
1,3,5-Trimethylbenzene	ug/kg	ND	5.00	2.00	10/07/21 01:48	
Vinyl acetate	ug/kg	ND	12.5	2.54	10/07/21 01:48	
Vinyl chloride	ug/kg	ND	2.50	1.16	10/07/21 01:48	
Xylene (Total)	ug/kg	ND	6.50	0.880	10/07/21 01:48	
o-Xylene	ug/kg	ND	2.50	0.880	10/07/21 01:48	
m&p-Xylene	ug/kg	ND	4.00	1.90	10/07/21 01:48	
Toluene-d8 (S)	%	110	75.0-131		10/07/21 01:48	
4-Bromofluorobenzene (S)	%	101	67.0-138		10/07/21 01:48	
1,2-Dichloroethane-d4 (S)	%	89.4	70.0-130		10/07/21 01:48	

LABORATORY CONTROL SAMPLE & LCSD: R3718097-1 R3718097-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Acetone	ug/kg	625	393	357	62.9	57.1	10.0-160	9.60	31	
Benzene	ug/kg	125	122	125	97.6	100	70.0-123	2.43	20	
Bromobenzene	ug/kg	125	124	117	99.2	93.6	73.0-121	5.81	20	
Bromodichloromethane	ug/kg	125	129	131	103	105	73.0-121	1.54	20	
Bromoform	ug/kg	125	114	113	91.2	90.4	64.0-132	0.881	20	
Bromomethane	ug/kg	125	106	97.3	84.8	77.8	56.0-147	8.56	20	
n-Butylbenzene	ug/kg	125	116	112	92.8	89.6	68.0-135	3.51	20	
sec-Butylbenzene	ug/kg	125	120	114	96.0	91.2	74.0-130	5.13	20	
tert-Butylbenzene	ug/kg	125	122	122	97.6	97.6	75.0-127	0.00	20	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92563977

LABORATORY CONTROL SAMPLE & LCSD: R3718097-1 R3718097-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	125	125	118	100	94.4	66.0-128	5.76	20	
Chlorobenzene	ug/kg	125	131	131	105	105	76.0-128	0.00	20	
Dibromochloromethane	ug/kg	125	127	129	102	103	74.0-127	1.56	20	
Chloroethane	ug/kg	125	116	120	92.8	96.0	61.0-134	3.39	20	
Chloroform	ug/kg	125	125	126	100	101	72.0-123	0.797	20	
Chloromethane	ug/kg	125	126	131	101	105	51.0-138	3.89	20	
2-Chlorotoluene	ug/kg	125	124	121	99.2	96.8	75.0-124	2.45	20	
4-Chlorotoluene	ug/kg	125	115	112	92.0	89.6	75.0-124	2.64	20	
1,2-Dibromo-3-chloropropane	ug/kg	125	96.1	97.1	76.9	77.7	59.0-130	1.04	20	
1,2-Dibromoethane (EDB)	ug/kg	125	133	130	106	104	74.0-128	2.28	20	
Dibromomethane	ug/kg	125	124	127	99.2	102	75.0-122	2.39	20	
1,2-Dichlorobenzene	ug/kg	125	126	125	101	100	76.0-124	0.797	20	
1,3-Dichlorobenzene	ug/kg	125	125	122	100	97.6	76.0-125	2.43	20	
1,4-Dichlorobenzene	ug/kg	125	116	114	92.8	91.2	77.0-121	1.74	20	
Dichlorodifluoromethane	ug/kg	125	99.4	102	79.5	81.6	43.0-156	2.58	20	
1,1-Dichloroethane	ug/kg	125	113	123	90.4	98.4	70.0-127	8.47	20	
1,2-Dichloroethane	ug/kg	125	137	137	110	110	65.0-131	0.00	20	
1,1-Dichloroethene	ug/kg	125	122	124	97.6	99.2	65.0-131	1.63	20	
cis-1,2-Dichloroethene	ug/kg	125	127	122	102	97.6	73.0-125	4.02	20	
trans-1,2-Dichloroethene	ug/kg	125	125	119	100	95.2	71.0-125	4.92	20	
1,2-Dichloropropane	ug/kg	125	132	137	106	110	74.0-125	3.72	20	
1,1-Dichloropropene	ug/kg	125	123	124	98.4	99.2	73.0-125	0.810	20	
1,3-Dichloropropane	ug/kg	125	134	132	107	106	80.0-125	1.50	20	
cis-1,3-Dichloropropene	ug/kg	125	126	123	101	98.4	76.0-127	2.41	20	
trans-1,3-Dichloropropene	ug/kg	125	127	129	102	103	73.0-127	1.56	20	
2,2-Dichloropropane	ug/kg	125	103	93.0	82.4	74.4	59.0-135	10.2	20	
Diisopropyl ether	ug/kg	125	126	120	101	96.0	60.0-136	4.88	20	
Ethylbenzene	ug/kg	125	128	127	102	102	74.0-126	0.784	20	
Hexachloro-1,3-butadiene	ug/kg	125	111	105	88.8	84.0	57.0-150	5.56	20	
2-Hexanone	ug/kg	625	702	685	112	110	54.0-147	2.45	20	
Isopropylbenzene (Cumene)	ug/kg	125	126	124	101	99.2	72.0-127	1.60	20	
p-Isopropyltoluene	ug/kg	125	119	116	95.2	92.8	72.0-133	2.55	20	
2-Butanone (MEK)	ug/kg	625	617	596	98.7	95.4	30.0-160	3.46	24	
Methylene Chloride	ug/kg	125	117	118	93.6	94.4	68.0-123	0.851	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	625	683	696	109	111	56.0-143	1.89	20	
Methyl-tert-butyl ether	ug/kg	125	116	117	92.8	93.6	66.0-132	0.858	20	
Naphthalene	ug/kg	125	87.2	98.6	69.8	78.9	59.0-130	12.3	20	
n-Propylbenzene	ug/kg	125	121	119	96.8	95.2	74.0-126	1.67	20	
Styrene	ug/kg	125	123	124	98.4	99.2	72.0-127	0.810	20	
1,1,1,2-Tetrachloroethane	ug/kg	125	121	117	96.8	93.6	74.0-129	3.36	20	
1,1,2,2-Tetrachloroethane	ug/kg	125	113	111	90.4	88.8	68.0-128	1.79	20	
Tetrachloroethene	ug/kg	125	133	134	106	107	70.0-136	0.749	20	
Toluene	ug/kg	125	129	128	103	102	75.0-121	0.778	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	125	109	110	87.2	88.0	61.0-139	0.913	20	
1,2,3-Trichlorobenzene	ug/kg	125	82.7	92.7	66.2	74.2	59.0-139	11.4	20	
1,2,4-Trichlorobenzene	ug/kg	125	107	107	85.6	85.6	62.0-137	0.00	20	
1,1,1-Trichloroethane	ug/kg	125	120	117	96.0	93.6	69.0-126	2.53	20	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92563977

LABORATORY CONTROL SAMPLE & LCSD: R3718097-1 R3718097-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,2-Trichloroethane	ug/kg	125	140	137	112	110	78.0-123	2.17	20	
Trichloroethene	ug/kg	125	135	137	108	110	76.0-126	1.47	20	
Trichlorofluoromethane	ug/kg	125	116	106	92.8	84.8	61.0-142	9.01	20	
1,2,3-Trichloropropane	ug/kg	125	118	117	94.4	93.6	67.0-129	0.851	20	
1,2,3-Trimethylbenzene	ug/kg	125	123	117	98.4	93.6	74.0-124	5.00	20	
1,2,4-Trimethylbenzene	ug/kg	125	119	114	95.2	91.2	70.0-126	4.29	20	
1,3,5-Trimethylbenzene	ug/kg	125	121	119	96.8	95.2	73.0-127	1.67	20	
Vinyl acetate	ug/kg	625	330	419	52.8	67.0	43.0-159	23.8	20	R1
Vinyl chloride	ug/kg	125	120	118	96.0	94.4	63.0-134	1.68	20	
Xylene (Total)	ug/kg	375	382	383	102	102	72.0-127	0.261	20	
o-Xylene	ug/kg	125	126	128	101	102	79.0-124	1.57	20	
m&p-Xylene	ug/kg	250	256	255	102	102	76.0-126	0.391	20	
Toluene-d8 (S)	%				106	107	75.0-131			
4-Bromofluorobenzene (S)	%				102	103	67.0-138			
1,2-Dichloroethane-d4 (S)	%				92.6	95.1	70.0-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92563977

QC Batch: 1751838
QC Batch Method: SM 2540 G
Analysis Method: SM 2540G
Analysis Description: Total Solids 2540 G-2011
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92563977001

METHOD BLANK: R3713496-1 Matrix: Solid
Associated Lab Samples: 92563977001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Solids	%	0.00100			10/06/21 12:08	

LABORATORY CONTROL SAMPLE: R3713496-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	100	85.0-115	

SAMPLE DUPLICATE: R3713496-3

Parameter	Units	92563977001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Solids	%	87.8	86.6	1.38	10	

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Huntersville, NC 28078
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QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92563977

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C4	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Data is likely to show a low bias concerning the result.
J	Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92563977

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563977001	**MW-96 (56-58)**	MADEPV	1757212	MADEP VPH	1757212
92563977001	**MW-96 (56-58)**	5035A	1752736	EPA 8260D	1752736
92563977001	**MW-96 (56-58)**	SM 2540 G	1751838	SM 2540G	1751838

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WO# : 92563977

92563977

Pace Analytical®

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LA ... der Number or ... LY

Company: Apex Companies	Billing Information:
Address: 5900 North Woods Business Pkwy, Ste O	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To: Tom.naumann@apexcos.com	Site Collection Info/Address: Huntersville-Concord Rd
Customer Project Name/Number:	State: NC / County/City: Huntersville / Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: / Email:	Site/Facility ID #: CPC Huntersville / Compliance Monitoring? [ ] Yes [✓] No
Collected By (print): Kyle Zigler	Purchase Order #: / Quote #: 2020-L1-2248 / DW PWS ID #: / DW Location Code:
Collected By (signature): Kyle Zigler	Turnaround Date Required: Standard / Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [✓] No / Analysis: ____

Container Preservative Type **: 6 6

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	MADEP VPH	VOCs by 8260
MW-96(56'-58')	SL	Grab	9-28-21	1200	/	/		3	X	X

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: ____	
Sample pH Acceptable	Y N NA
pH Strips: ____	
Sulfide Present	Y N NA
Lead Acetate Strips: ____	

LAB USE ONLY:
Lab Sample # / Comments: 92563977

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2632367

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92 7064
Cooler 1 Temp Upon Receipt: 4.2 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 4.2 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Kyle Zigler / Apex	9-28-21 / 1730	[signature] / Apex 9/28/21 17:30	
[signature]	9/29/21 10:54	Jamen Henry / Apex	9/29/21 1054
		[signature]	9-24-21 / 1130

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

[signature] 9-29-21 / 1150 MD 61 Ow HW 9-29-21 11:50

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 26, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92565181

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

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CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92565181

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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(704)875-9092

SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92565181

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92565181001	**MW-97 (20-22')**	Solid	10/05/21 16:10	10/06/21 12:05
92565181002	**MW-97 (60-62')**	Solid	10/05/21 16:15	10/06/21 12:05

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92565181

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92565181001	**MW-97 (20-22')**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	JAH	71	PAN
		SW-846	CES1	1	PASI-C
		SM 2540G	CMK	1	PAN
92565181002	**MW-97 (60-62')**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	JAH	71	PAN
		SW-846	CES1	1	PASI-C
		SM 2540G	CMK	1	PAN

PAN = Pace National - Mt. Juliet
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92565181

Sample: MW-97 (20-22') **Lab ID: 92565181001** Collected: 10/05/21 16:10 Received: 10/06/21 12:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	mg/kg	4.3	4.3	1	10/20/21 17:32	10/21/21 00:47		N2
Aliphatic (C05-C08)	ND	mg/kg	4.3	4.3	1	10/20/21 17:32	10/21/21 00:47		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	4.3	4.3	1	10/20/21 17:32	10/21/21 00:47		N2
Aromatic (C09-C10)	ND	mg/kg	4.3	4.3	1	10/20/21 17:32	10/21/21 00:47		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1	10/20/21 17:32	10/21/21 00:47	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1	10/20/21 17:32	10/21/21 00:47	460-00-4	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
Acetone	ND	ug/kg	82.3	60.1	1.07	10/05/21 16:10	10/15/21 17:20	67-64-1	
Benzene	ND	ug/kg	1.65	0.769	1.07	10/05/21 16:10	10/15/21 17:20	71-43-2	
Bromobenzene	ND	ug/kg	20.6	1.48	1.07	10/05/21 16:10	10/15/21 17:20	108-86-1	
Bromodichloromethane	ND	ug/kg	4.12	1.19	1.07	10/05/21 16:10	10/15/21 17:20	75-27-4	
Bromoform	ND	ug/kg	41.2	1.92	1.07	10/05/21 16:10	10/15/21 17:20	75-25-2	
Bromomethane	ND	ug/kg	20.6	3.25	1.07	10/05/21 16:10	10/15/21 17:20	74-83-9	
n-Butylbenzene	ND	ug/kg	20.6	8.65	1.07	10/05/21 16:10	10/15/21 17:20	104-51-8	
sec-Butylbenzene	ND	ug/kg	20.6	4.74	1.07	10/05/21 16:10	10/15/21 17:20	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.23	3.22	1.07	10/05/21 16:10	10/15/21 17:20	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.23	1.48	1.07	10/05/21 16:10	10/15/21 17:20	56-23-5	
Chlorobenzene	ND	ug/kg	4.12	0.346	1.07	10/05/21 16:10	10/15/21 17:20	108-90-7	
Dibromochloromethane	ND	ug/kg	4.12	1.01	1.07	10/05/21 16:10	10/15/21 17:20	124-48-1	
Chloroethane	ND	ug/kg	8.23	2.80	1.07	10/05/21 16:10	10/15/21 17:20	75-00-3	
Chloroform	ND	ug/kg	4.12	1.69	1.07	10/05/21 16:10	10/15/21 17:20	67-66-3	
Chloromethane	ND	ug/kg	20.6	7.15	1.07	10/05/21 16:10	10/15/21 17:20	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.12	1.42	1.07	10/05/21 16:10	10/15/21 17:20	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.23	0.740	1.07	10/05/21 16:10	10/15/21 17:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	41.2	6.41	1.07	10/05/21 16:10	10/15/21 17:20	96-12-8	C3
1,2-Dibromoethane (EDB)	ND	ug/kg	4.12	1.07	1.07	10/05/21 16:10	10/15/21 17:20	106-93-4	
Dibromomethane	ND	ug/kg	8.23	1.24	1.07	10/05/21 16:10	10/15/21 17:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.23	0.700	1.07	10/05/21 16:10	10/15/21 17:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.23	0.988	1.07	10/05/21 16:10	10/15/21 17:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.23	1.15	1.07	10/05/21 16:10	10/15/21 17:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.12	2.65	1.07	10/05/21 16:10	10/15/21 17:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.12	0.808	1.07	10/05/21 16:10	10/15/21 17:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.12	1.07	1.07	10/05/21 16:10	10/15/21 17:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.12	0.997	1.07	10/05/21 16:10	10/15/21 17:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.12	1.21	1.07	10/05/21 16:10	10/15/21 17:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.23	1.71	1.07	10/05/21 16:10	10/15/21 17:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.23	2.34	1.07	10/05/21 16:10	10/15/21 17:20	78-87-5	
1,1-Dichloropropene	ND	ug/kg	4.12	1.33	1.07	10/05/21 16:10	10/15/21 17:20	563-58-6	
1,3-Dichloropropane	ND	ug/kg	8.23	0.825	1.07	10/05/21 16:10	10/15/21 17:20	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	4.12	1.25	1.07	10/05/21 16:10	10/15/21 17:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.23	1.88	1.07	10/05/21 16:10	10/15/21 17:20	10061-02-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92565181

Sample: MW-97 (20-22') **Lab ID: 92565181001** Collected: 10/05/21 16:10 Received: 10/06/21 12:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
2,2-Dichloropropane	ND	ug/kg	4.12	2.28	1.07	10/05/21 16:10	10/15/21 17:20	594-20-7	
Diisopropyl ether	ND	ug/kg	1.65	0.675	1.07	10/05/21 16:10	10/15/21 17:20	108-20-3	
Ethylbenzene	ND	ug/kg	4.12	1.21	1.07	10/05/21 16:10	10/15/21 17:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	41.2	9.88	1.07	10/05/21 16:10	10/15/21 17:20	87-68-3	
2-Hexanone	ND	ug/kg	41.2	5.54	1.07	10/05/21 16:10	10/15/21 17:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.12	0.700	1.07	10/05/21 16:10	10/15/21 17:20	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.23	4.20	1.07	10/05/21 16:10	10/15/21 17:20	99-87-6	
2-Butanone (MEK)	ND	ug/kg	165	104	1.07	10/05/21 16:10	10/15/21 17:20	78-93-3	
Methylene Chloride	ND	ug/kg	41.2	10.9	1.07	10/05/21 16:10	10/15/21 17:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	41.2	3.75	1.07	10/05/21 16:10	10/15/21 17:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1.65	0.575	1.07	10/05/21 16:10	10/15/21 17:20	1634-04-4	
Naphthalene	ND	ug/kg	20.6	8.03	1.07	10/05/21 16:10	10/15/21 17:20	91-20-3	C3
n-Propylbenzene	ND	ug/kg	8.23	1.57	1.07	10/05/21 16:10	10/15/21 17:20	103-65-1	
Styrene	ND	ug/kg	20.6	0.377	1.07	10/05/21 16:10	10/15/21 17:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.12	1.55	1.07	10/05/21 16:10	10/15/21 17:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.12	1.14	1.07	10/05/21 16:10	10/15/21 17:20	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.12	1.24	1.07	10/05/21 16:10	10/15/21 17:20	76-13-1	
Tetrachloroethene	ND	ug/kg	4.12	1.48	1.07	10/05/21 16:10	10/15/21 17:20	127-18-4	
Toluene	**4.25J**	ug/kg	8.23	2.14	1.07	10/05/21 16:10	10/15/21 17:20	108-88-3	J
1,2,3-Trichlorobenzene	ND	ug/kg	20.6	12.1	1.07	10/05/21 16:10	10/15/21 17:20	87-61-6	C3
1,2,4-Trichlorobenzene	ND	ug/kg	20.6	7.25	1.07	10/05/21 16:10	10/15/21 17:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.12	1.52	1.07	10/05/21 16:10	10/15/21 17:20	71-55-6	L0
1,1,2-Trichloroethane	ND	ug/kg	4.12	0.983	1.07	10/05/21 16:10	10/15/21 17:20	79-00-5	
Trichloroethene	ND	ug/kg	1.65	0.961	1.07	10/05/21 16:10	10/15/21 17:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.12	1.36	1.07	10/05/21 16:10	10/15/21 17:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	20.6	2.66	1.07	10/05/21 16:10	10/15/21 17:20	96-18-4	C3
1,2,4-Trimethylbenzene	ND	ug/kg	8.23	2.60	1.07	10/05/21 16:10	10/15/21 17:20	95-63-6	
1,2,3-Trimethylbenzene	ND	ug/kg	8.23	2.60	1.07	10/05/21 16:10	10/15/21 17:20	526-73-8	
1,3,5-Trimethylbenzene	ND	ug/kg	8.23	3.29	1.07	10/05/21 16:10	10/15/21 17:20	108-67-8	
Vinyl acetate	ND	ug/kg	20.6	4.18	1.07	10/05/21 16:10	10/15/21 17:20	108-05-4	
Vinyl chloride	ND	ug/kg	4.12	1.91	1.07	10/05/21 16:10	10/15/21 17:20	75-01-4	
o-Xylene	ND	ug/kg	4.12	1.45	1.07	10/05/21 16:10	10/15/21 17:20	95-47-6	
m&p-Xylene	ND	ug/kg	6.58	3.12	1.07	10/05/21 16:10	10/15/21 17:20	179601-23-1	
Xylene (Total)	ND	ug/kg	10.7	1.45	1.07	10/05/21 16:10	10/15/21 17:20	1330-20-7	
Surrogates									
Toluene-d8 (S)	99.6	%	75.0-131		1.07	10/05/21 16:10	10/15/21 17:20	2037-26-5	
4-Bromofluorobenzene (S)	104	%	67.0-138		1.07	10/05/21 16:10	10/15/21 17:20	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70.0-130		1.07	10/05/21 16:10	10/15/21 17:20	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**21.8**	%	0.10	0.10	1		10/15/21 10:06		N2

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92565181

Sample: MW-97 (20-22') **Lab ID: 92565181001** Collected: 10/05/21 16:10 Received: 10/06/21 12:05 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet								
Total Solids	**78.2**	%			1	10/15/21 10:07	10/15/21 10:15		

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92565181

Sample: MW-97 (60-62') **Lab ID: 92565181002** Collected: 10/05/21 16:15 Received: 10/06/21 12:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	mg/kg	3.2	3.2	1	10/20/21 17:32	10/21/21 01:15		N2
Aliphatic (C05-C08)	ND	mg/kg	3.2	3.2	1	10/20/21 17:32	10/21/21 01:15		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.2	3.2	1	10/20/21 17:32	10/21/21 01:15		N2
Aromatic (C09-C10)	ND	mg/kg	3.2	3.2	1	10/20/21 17:32	10/21/21 01:15		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1	10/20/21 17:32	10/21/21 01:15	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1	10/20/21 17:32	10/21/21 01:15	460-00-4	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
Acetone	ND	ug/kg	65.2	47.6	1.03	10/05/21 16:15	10/15/21 17:39	67-64-1	
Benzene	ND	ug/kg	1.30	0.609	1.03	10/05/21 16:15	10/15/21 17:39	71-43-2	
Bromobenzene	ND	ug/kg	16.3	1.17	1.03	10/05/21 16:15	10/15/21 17:39	108-86-1	
Bromodichloromethane	ND	ug/kg	3.27	0.946	1.03	10/05/21 16:15	10/15/21 17:39	75-27-4	
Bromoform	ND	ug/kg	32.7	1.53	1.03	10/05/21 16:15	10/15/21 17:39	75-25-2	
Bromomethane	ND	ug/kg	16.3	2.57	1.03	10/05/21 16:15	10/15/21 17:39	74-83-9	
n-Butylbenzene	ND	ug/kg	16.3	6.85	1.03	10/05/21 16:15	10/15/21 17:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	16.3	3.76	1.03	10/05/21 16:15	10/15/21 17:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.52	2.55	1.03	10/05/21 16:15	10/15/21 17:39	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.52	1.17	1.03	10/05/21 16:15	10/15/21 17:39	56-23-5	
Chlorobenzene	ND	ug/kg	3.27	0.274	1.03	10/05/21 16:15	10/15/21 17:39	108-90-7	
Dibromochloromethane	ND	ug/kg	3.27	0.798	1.03	10/05/21 16:15	10/15/21 17:39	124-48-1	
Chloroethane	ND	ug/kg	6.52	2.22	1.03	10/05/21 16:15	10/15/21 17:39	75-00-3	
Chloroform	ND	ug/kg	3.27	1.34	1.03	10/05/21 16:15	10/15/21 17:39	67-66-3	
Chloromethane	ND	ug/kg	16.3	5.67	1.03	10/05/21 16:15	10/15/21 17:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.27	1.13	1.03	10/05/21 16:15	10/15/21 17:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.52	0.588	1.03	10/05/21 16:15	10/15/21 17:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	32.7	5.09	1.03	10/05/21 16:15	10/15/21 17:39	96-12-8	C3
1,2-Dibromoethane (EDB)	ND	ug/kg	3.27	0.845	1.03	10/05/21 16:15	10/15/21 17:39	106-93-4	
Dibromomethane	ND	ug/kg	6.52	0.979	1.03	10/05/21 16:15	10/15/21 17:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.52	0.555	1.03	10/05/21 16:15	10/15/21 17:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.52	0.783	1.03	10/05/21 16:15	10/15/21 17:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.52	0.913	1.03	10/05/21 16:15	10/15/21 17:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.27	2.10	1.03	10/05/21 16:15	10/15/21 17:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.27	0.641	1.03	10/05/21 16:15	10/15/21 17:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.27	0.846	1.03	10/05/21 16:15	10/15/21 17:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.27	0.790	1.03	10/05/21 16:15	10/15/21 17:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.27	0.958	1.03	10/05/21 16:15	10/15/21 17:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.52	1.36	1.03	10/05/21 16:15	10/15/21 17:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.52	1.85	1.03	10/05/21 16:15	10/15/21 17:39	78-87-5	
1,1-Dichloropropene	ND	ug/kg	3.27	1.06	1.03	10/05/21 16:15	10/15/21 17:39	563-58-6	
1,3-Dichloropropane	ND	ug/kg	6.52	0.654	1.03	10/05/21 16:15	10/15/21 17:39	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	3.27	0.988	1.03	10/05/21 16:15	10/15/21 17:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.52	1.48	1.03	10/05/21 16:15	10/15/21 17:39	10061-02-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92565181

Sample: MW-97 (60-62') **Lab ID: 92565181002** Collected: 10/05/21 16:15 Received: 10/06/21 12:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
2,2-Dichloropropane	ND	ug/kg	3.27	1.80	1.03	10/05/21 16:15	10/15/21 17:39	594-20-7	
Diisopropyl ether	ND	ug/kg	1.30	0.535	1.03	10/05/21 16:15	10/15/21 17:39	108-20-3	
Ethylbenzene	ND	ug/kg	3.27	0.961	1.03	10/05/21 16:15	10/15/21 17:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	32.7	7.83	1.03	10/05/21 16:15	10/15/21 17:39	87-68-3	
2-Hexanone	ND	ug/kg	32.7	4.38	1.03	10/05/21 16:15	10/15/21 17:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.27	0.555	1.03	10/05/21 16:15	10/15/21 17:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.52	3.33	1.03	10/05/21 16:15	10/15/21 17:39	99-87-6	
2-Butanone (MEK)	ND	ug/kg	130	82.8	1.03	10/05/21 16:15	10/15/21 17:39	78-93-3	
Methylene Chloride	ND	ug/kg	32.7	8.66	1.03	10/05/21 16:15	10/15/21 17:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	32.7	2.98	1.03	10/05/21 16:15	10/15/21 17:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1.30	0.457	1.03	10/05/21 16:15	10/15/21 17:39	1634-04-4	
Naphthalene	ND	ug/kg	16.3	6.37	1.03	10/05/21 16:15	10/15/21 17:39	91-20-3	C3
n-Propylbenzene	ND	ug/kg	6.52	1.24	1.03	10/05/21 16:15	10/15/21 17:39	103-65-1	
Styrene	ND	ug/kg	16.3	0.299	1.03	10/05/21 16:15	10/15/21 17:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.27	1.24	1.03	10/05/21 16:15	10/15/21 17:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.27	0.907	1.03	10/05/21 16:15	10/15/21 17:39	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.27	0.984	1.03	10/05/21 16:15	10/15/21 17:39	76-13-1	
Tetrachloroethene	ND	ug/kg	3.27	1.17	1.03	10/05/21 16:15	10/15/21 17:39	127-18-4	
Toluene	ND	ug/kg	6.52	1.70	1.03	10/05/21 16:15	10/15/21 17:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	16.3	9.56	1.03	10/05/21 16:15	10/15/21 17:39	87-61-6	C3
1,2,4-Trichlorobenzene	ND	ug/kg	16.3	5.74	1.03	10/05/21 16:15	10/15/21 17:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.27	1.20	1.03	10/05/21 16:15	10/15/21 17:39	71-55-6	L0
1,1,2-Trichloroethane	ND	ug/kg	3.27	0.779	1.03	10/05/21 16:15	10/15/21 17:39	79-00-5	
Trichloroethene	ND	ug/kg	1.30	0.763	1.03	10/05/21 16:15	10/15/21 17:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.27	1.08	1.03	10/05/21 16:15	10/15/21 17:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	16.3	2.12	1.03	10/05/21 16:15	10/15/21 17:39	96-18-4	C3
1,2,4-Trimethylbenzene	ND	ug/kg	6.52	2.06	1.03	10/05/21 16:15	10/15/21 17:39	95-63-6	
1,2,3-Trimethylbenzene	ND	ug/kg	6.52	2.06	1.03	10/05/21 16:15	10/15/21 17:39	526-73-8	
1,3,5-Trimethylbenzene	ND	ug/kg	6.52	2.61	1.03	10/05/21 16:15	10/15/21 17:39	108-67-8	
Vinyl acetate	ND	ug/kg	16.3	3.32	1.03	10/05/21 16:15	10/15/21 17:39	108-05-4	
Vinyl chloride	ND	ug/kg	3.27	1.51	1.03	10/05/21 16:15	10/15/21 17:39	75-01-4	
o-Xylene	ND	ug/kg	3.27	1.15	1.03	10/05/21 16:15	10/15/21 17:39	95-47-6	
m&p-Xylene	ND	ug/kg	5.22	2.48	1.03	10/05/21 16:15	10/15/21 17:39	179601-23-1	
Xylene (Total)	ND	ug/kg	8.49	1.15	1.03	10/05/21 16:15	10/15/21 17:39	1330-20-7	
Surrogates									
Toluene-d8 (S)	101	%	75.0-131		1.03	10/05/21 16:15	10/15/21 17:39	2037-26-5	
4-Bromofluorobenzene (S)	96.6	%	67.0-138		1.03	10/05/21 16:15	10/15/21 17:39	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70.0-130		1.03	10/05/21 16:15	10/15/21 17:39	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**11.9**	%	0.10	0.10	1		10/15/21 10:06		N2

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92565181

Sample: MW-97 (60-62') **Lab ID: 92565181002** Collected: 10/05/21 16:15 Received: 10/06/21 12:05 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet								
Total Solids	**88.1**	%			1	10/15/21 10:07	10/15/21 10:15		

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92565181

QC Batch: 654193
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92565181001, 92565181002

METHOD BLANK: 3430303 Matrix: Solid
Associated Lab Samples: 92565181001, 92565181002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/20/21 17:42	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/20/21 17:42	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		10/20/21 17:42	
4-Bromofluorobenzene (PID) (S)	%	105	70-130		10/20/21 17:42	

LABORATORY CONTROL SAMPLE & LCSD: 3430304 3430305

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	14.4	15.4	97	103	70-130	6	25	N2
Aromatic (C09-C10)	mg/kg	5	5.2	5.3	106	106	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	99	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92565181

QC Batch: 1757709
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92565181001, 92565181002

METHOD BLANK: R3717129-3 Matrix: Solid
Associated Lab Samples: 92565181001, 92565181002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Acetone	ug/kg	ND	50.0	36.5	10/15/21 07:35	
Benzene	ug/kg	ND	1.00	0.467	10/15/21 07:35	
Bromobenzene	ug/kg	ND	12.5	0.900	10/15/21 07:35	
Bromodichloromethane	ug/kg	ND	2.50	0.725	10/15/21 07:35	
Bromoform	ug/kg	ND	25.0	1.17	10/15/21 07:35	
Bromomethane	ug/kg	ND	12.5	1.97	10/15/21 07:35	
n-Butylbenzene	ug/kg	ND	12.5	5.25	10/15/21 07:35	
sec-Butylbenzene	ug/kg	ND	12.5	2.88	10/15/21 07:35	
tert-Butylbenzene	ug/kg	ND	5.00	1.95	10/15/21 07:35	
Carbon tetrachloride	ug/kg	ND	5.00	0.898	10/15/21 07:35	
Chlorobenzene	ug/kg	ND	2.50	0.210	10/15/21 07:35	
Dibromochloromethane	ug/kg	ND	2.50	0.612	10/15/21 07:35	
Chloroethane	ug/kg	ND	5.00	1.70	10/15/21 07:35	
Chloroform	ug/kg	ND	2.50	1.03	10/15/21 07:35	
Chloromethane	ug/kg	ND	12.5	4.35	10/15/21 07:35	
2-Chlorotoluene	ug/kg	ND	2.50	0.865	10/15/21 07:35	
4-Chlorotoluene	ug/kg	ND	5.00	0.450	10/15/21 07:35	
1,2-Dibromo-3-chloropropane	ug/kg	ND	25.0	3.90	10/15/21 07:35	
1,2-Dibromoethane (EDB)	ug/kg	ND	2.50	0.648	10/15/21 07:35	
Dibromomethane	ug/kg	ND	5.00	0.750	10/15/21 07:35	
1,2-Dichlorobenzene	ug/kg	ND	5.00	0.425	10/15/21 07:35	
1,3-Dichlorobenzene	ug/kg	ND	5.00	0.600	10/15/21 07:35	
1,4-Dichlorobenzene	ug/kg	ND	5.00	0.700	10/15/21 07:35	
Dichlorodifluoromethane	ug/kg	ND	2.50	1.61	10/15/21 07:35	
1,1-Dichloroethane	ug/kg	ND	2.50	0.491	10/15/21 07:35	
1,2-Dichloroethane	ug/kg	ND	2.50	0.649	10/15/21 07:35	
1,1-Dichloroethene	ug/kg	ND	2.50	0.606	10/15/21 07:35	
cis-1,2-Dichloroethene	ug/kg	ND	2.50	0.734	10/15/21 07:35	
trans-1,2-Dichloroethene	ug/kg	ND	5.00	1.04	10/15/21 07:35	
1,2-Dichloropropane	ug/kg	ND	5.00	1.42	10/15/21 07:35	
1,1-Dichloropropene	ug/kg	ND	2.50	0.809	10/15/21 07:35	
1,3-Dichloropropane	ug/kg	ND	5.00	0.501	10/15/21 07:35	
cis-1,3-Dichloropropene	ug/kg	ND	2.50	0.757	10/15/21 07:35	
trans-1,3-Dichloropropene	ug/kg	ND	5.00	1.14	10/15/21 07:35	
2,2-Dichloropropane	ug/kg	ND	2.50	1.38	10/15/21 07:35	
Diisopropyl ether	ug/kg	ND	1.00	0.410	10/15/21 07:35	
Ethylbenzene	ug/kg	ND	2.50	0.737	10/15/21 07:35	
Hexachloro-1,3-butadiene	ug/kg	ND	25.0	6.00	10/15/21 07:35	
2-Hexanone	ug/kg	ND	25.0	3.36	10/15/21 07:35	
Isopropylbenzene (Cumene)	ug/kg	ND	2.50	0.425	10/15/21 07:35	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92565181

METHOD BLANK: R3717129-3 Matrix: Solid
Associated Lab Samples: 92565181001, 92565181002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
p-Isopropyltoluene	ug/kg	ND	5.00	2.55	10/15/21 07:35	
2-Butanone (MEK)	ug/kg	151	100	63.5	10/15/21 07:35	
Methylene Chloride	ug/kg	ND	25.0	6.64	10/15/21 07:35	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	2.28	10/15/21 07:35	
Methyl-tert-butyl ether	ug/kg	ND	1.00	0.350	10/15/21 07:35	
Naphthalene	ug/kg	ND	12.5	4.88	10/15/21 07:35	
n-Propylbenzene	ug/kg	ND	5.00	0.950	10/15/21 07:35	
Styrene	ug/kg	ND	12.5	0.229	10/15/21 07:35	
1,1,1,2-Tetrachloroethane	ug/kg	ND	2.50	0.948	10/15/21 07:35	
1,1,2,2-Tetrachloroethane	ug/kg	ND	2.50	0.695	10/15/21 07:35	
Tetrachloroethene	ug/kg	ND	2.50	0.896	10/15/21 07:35	
Toluene	ug/kg	ND	5.00	1.30	10/15/21 07:35	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	2.50	0.754	10/15/21 07:35	
1,2,3-Trichlorobenzene	ug/kg	ND	12.5	7.33	10/15/21 07:35	
1,2,4-Trichlorobenzene	ug/kg	ND	12.5	4.40	10/15/21 07:35	
1,1,1-Trichloroethane	ug/kg	ND	2.50	0.923	10/15/21 07:35	
1,1,2-Trichloroethane	ug/kg	ND	2.50	0.597	10/15/21 07:35	
Trichloroethene	ug/kg	ND	1.00	0.584	10/15/21 07:35	
Trichlorofluoromethane	ug/kg	ND	2.50	0.827	10/15/21 07:35	
1,2,3-Trichloropropane	ug/kg	ND	12.5	1.62	10/15/21 07:35	
1,2,3-Trimethylbenzene	ug/kg	ND	5.00	1.58	10/15/21 07:35	
1,2,4-Trimethylbenzene	ug/kg	ND	5.00	1.58	10/15/21 07:35	
1,3,5-Trimethylbenzene	ug/kg	ND	5.00	2.00	10/15/21 07:35	
Vinyl acetate	ug/kg	ND	12.5	2.54	10/15/21 07:35	
Vinyl chloride	ug/kg	ND	2.50	1.16	10/15/21 07:35	
Xylene (Total)	ug/kg	ND	6.50	0.880	10/15/21 07:35	
o-Xylene	ug/kg	ND	2.50	0.880	10/15/21 07:35	
m&p-Xylene	ug/kg	ND	4.00	1.90	10/15/21 07:35	
Toluene-d8 (S)	%	108	75.0-131		10/15/21 07:35	
4-Bromofluorobenzene (S)	%	96.6	67.0-138		10/15/21 07:35	
1,2-Dichloroethane-d4 (S)	%	103	70.0-130		10/15/21 07:35	

LABORATORY CONTROL SAMPLE & LCSD: R3717129-1 R3717129-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Acetone	ug/kg	625	924	858	148	137	10.0-160	7.41	31	
Benzene	ug/kg	125	154	142	123	114	70.0-123	8.11	20	
Bromobenzene	ug/kg	125	108	109	86.4	87.2	73.0-121	0.922	20	
Bromodichloromethane	ug/kg	125	146	142	117	114	73.0-121	2.78	20	
Bromoform	ug/kg	125	112	104	89.6	83.2	64.0-132	7.41	20	
Bromomethane	ug/kg	125	179	159	143	127	56.0-147	11.8	20	
n-Butylbenzene	ug/kg	125	127	121	102	96.8	68.0-135	4.84	20	
sec-Butylbenzene	ug/kg	125	119	119	95.2	95.2	74.0-130	0.00	20	
tert-Butylbenzene	ug/kg	125	113	107	90.4	85.6	75.0-127	5.45	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92565181

LABORATORY CONTROL SAMPLE & LCSD: R3717129-1 R3717129-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	125	152	138	122	110	66.0-128	9.66	20	
Chlorobenzene	ug/kg	125	126	121	101	96.8	76.0-128	4.05	20	
Dibromochloromethane	ug/kg	125	115	117	92.0	93.6	74.0-127	1.72	20	
Chloroethane	ug/kg	125	152	141	122	113	61.0-134	7.51	20	
Chloroform	ug/kg	125	153	140	122	112	72.0-123	8.87	20	
Chloromethane	ug/kg	125	139	130	111	104	51.0-138	6.69	20	
2-Chlorotoluene	ug/kg	125	108	108	86.4	86.4	75.0-124	0.00	20	
4-Chlorotoluene	ug/kg	125	114	110	91.2	88.0	75.0-124	3.57	20	
1,2-Dibromo-3-chloropropane	ug/kg	125	78.7	81.2	63.0	65.0	59.0-130	3.13	20	
1,2-Dibromoethane (EDB)	ug/kg	125	113	113	90.4	90.4	74.0-128	0.00	20	
Dibromomethane	ug/kg	125	147	149	118	119	75.0-122	1.35	20	
1,2-Dichlorobenzene	ug/kg	125	124	127	99.2	102	76.0-124	2.39	20	
1,3-Dichlorobenzene	ug/kg	125	123	119	98.4	95.2	76.0-125	3.31	20	
1,4-Dichlorobenzene	ug/kg	125	118	116	94.4	92.8	77.0-121	1.71	20	
Dichlorodifluoromethane	ug/kg	125	155	142	124	114	43.0-156	8.75	20	
1,1-Dichloroethane	ug/kg	125	137	127	110	102	70.0-127	7.58	20	
1,2-Dichloroethane	ug/kg	125	133	124	106	99.2	65.0-131	7.00	20	
1,1-Dichloroethene	ug/kg	125	139	126	111	101	65.0-131	9.81	20	
cis-1,2-Dichloroethene	ug/kg	125	139	133	111	106	73.0-125	4.41	20	
trans-1,2-Dichloroethene	ug/kg	125	147	136	118	109	71.0-125	7.77	20	
1,2-Dichloropropane	ug/kg	125	144	136	115	109	74.0-125	5.71	20	
1,1-Dichloropropene	ug/kg	125	142	132	114	106	73.0-125	7.30	20	
1,3-Dichloropropane	ug/kg	125	118	118	94.4	94.4	80.0-125	0.00	20	
cis-1,3-Dichloropropene	ug/kg	125	137	130	110	104	76.0-127	5.24	20	
trans-1,3-Dichloropropene	ug/kg	125	116	111	92.8	88.8	73.0-127	4.41	20	
2,2-Dichloropropane	ug/kg	125	159	141	127	113	59.0-135	12.0	20	
Diisopropyl ether	ug/kg	125	142	136	114	109	60.0-136	4.32	20	
Ethylbenzene	ug/kg	125	129	121	103	96.8	74.0-126	6.40	20	
Hexachloro-1,3-butadiene	ug/kg	125	124	116	99.2	92.8	57.0-150	6.67	20	
2-Hexanone	ug/kg	625	532	566	85.1	90.6	54.0-147	6.19	20	
Isopropylbenzene (Cumene)	ug/kg	125	127	117	102	93.6	72.0-127	8.20	20	
p-Isopropyltoluene	ug/kg	125	112	112	89.6	89.6	72.0-133	0.00	20	
2-Butanone (MEK)	ug/kg	625	666	654	107	105	30.0-160	1.82	24	
Methylene Chloride	ug/kg	125	136	130	109	104	68.0-123	4.51	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	625	582	571	93.1	91.4	56.0-143	1.91	20	
Methyl-tert-butyl ether	ug/kg	125	135	128	108	102	66.0-132	5.32	20	
Naphthalene	ug/kg	125	74.5	83.1	59.6	66.5	59.0-130	10.9	20	
n-Propylbenzene	ug/kg	125	115	113	92.0	90.4	74.0-126	1.75	20	
Styrene	ug/kg	125	119	114	95.2	91.2	72.0-127	4.29	20	
1,1,1,2-Tetrachloroethane	ug/kg	125	137	136	110	109	74.0-129	0.733	20	
1,1,2,2-Tetrachloroethane	ug/kg	125	111	111	88.8	88.8	68.0-128	0.00	20	
Tetrachloroethene	ug/kg	125	139	124	111	99.2	70.0-136	11.4	20	
Toluene	ug/kg	125	132	126	106	101	75.0-121	4.65	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	125	148	133	118	106	61.0-139	10.7	20	
1,2,3-Trichlorobenzene	ug/kg	125	92.4	100	73.9	80.0	59.0-139	7.90	20	
1,2,4-Trichlorobenzene	ug/kg	125	137	145	110	116	62.0-137	5.67	20	
1,1,1-Trichloroethane	ug/kg	125	170	146	136	117	69.0-126	15.2	20	L0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92565181

LABORATORY CONTROL SAMPLE & LCSD: R3717129-1 R3717129-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,2-Trichloroethane	ug/kg	125	132	135	106	108	78.0-123	2.25	20	
Trichloroethene	ug/kg	125	143	137	114	110	76.0-126	4.29	20	
Trichlorofluoromethane	ug/kg	125	168	146	134	117	61.0-142	14.0	20	
1,2,3-Trichloropropane	ug/kg	125	95.7	101	76.6	80.8	67.0-129	5.39	20	
1,2,3-Trimethylbenzene	ug/kg	125	113	114	90.4	91.2	74.0-124	0.881	20	
1,2,4-Trimethylbenzene	ug/kg	125	118	116	94.4	92.8	70.0-126	1.71	20	
1,3,5-Trimethylbenzene	ug/kg	125	113	109	90.4	87.2	73.0-127	3.60	20	
Vinyl acetate	ug/kg	625	692	662	111	106	43.0-159	4.43	20	
Vinyl chloride	ug/kg	125	151	143	121	114	63.0-134	5.44	20	
Xylene (Total)	ug/kg	375	376	357	100	95.2	72.0-127	5.18	20	
o-Xylene	ug/kg	125	123	115	98.4	92.0	79.0-124	6.72	20	
m&p-Xylene	ug/kg	250	253	242	101	96.8	76.0-126	4.44	20	
Toluene-d8 (S)	%				96.3	96.0	75.0-131			
4-Bromofluorobenzene (S)	%				96.3	95.1	67.0-138			
1,2-Dichloroethane-d4 (S)	%				114	108	70.0-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92565181

QC Batch: 1756396
QC Batch Method: SM 2540 G
Analysis Method: SM 2540G
Analysis Description: Total Solids 2540 G-2011
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92565181001, 92565181002

METHOD BLANK: R3717211-1 Matrix: Solid
Associated Lab Samples: 92565181001, 92565181002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Solids	%	0.00100			10/15/21 10:15	

LABORATORY CONTROL SAMPLE: R3717211-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	100	85.0-115	

SAMPLE DUPLICATE: R3717211-4

Parameter	Units	L1415537-06 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Solids	%	82.0	81.8	0.210	10	

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QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92565181

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92565181

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92565181001	**MW-97 (20-22')**	MADEP VPH	654193	MADEP VPH	654208
92565181002	**MW-97 (60-62')**	MADEP VPH	654193	MADEP VPH	654208
92565181001	**MW-97 (20-22')**	5035A	1757709	EPA 8260D	1757709
92565181002	**MW-97 (60-62')**	5035A	1757709	EPA 8260D	1757709
92565181001	**MW-97 (20-22')**	SW-846			
92565181002	**MW-97 (60-62')**	SW-846			
92565181001	**MW-97 (20-22')**	SM 2540 G	1756396	SM 2540G	1756396
92565181002	**MW-97 (60-62')**	SM 2540 G	1756396	SM 2540G	1756396

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE (... mber or

WO# : 92565181

92565181

Containe

6 6

Company: Apex Companies

Address: 5900 Northwoods Bus. Pkwy Ste O

Report To: Andrew Street

Copy To: tom.naumann@apexcos.com

Customer Project Name/Number:

Billing Information:

Email To: andrew.street@Apexcos.com

Site Collection Info/Address: Huntersville-Concord Rd.

State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:

Email:

Site/Facility ID #: CPC Huntersville

Compliance Monitoring? [ ] Yes [✓] No

Collected By (print): Jamie ~~Kyle~~ Humphrey

Purchase Order #:

Quote #: 2020-L1-2248

DW PWS ID #:

DW Location Code:

Collected By (signature): [signature]

Turnaround Date Required: Std

Immediately Packed on Ice: [✓] Yes [ ] No

Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [✓] No

Analysis:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	MADEP VPH	Vocs by 8260								Lab Profile/Line:
MW-97(20-22')	SL	G	10/5/21	1610				3	X	X								92565181
MW-97(60-62)	SL	G	10/5/21	1615				3	X	X								001
																		002

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:

Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2632796

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 92TC64

Cooler 1 Temp Upon Receipt: 4.7 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 4.7 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] / Apex	10/5/21 1800	Office Trailer / Apex	10/5/21 1800
Office Trailer/APEX	10-06-2021/1148	[signature] / APEX	10-06-21/1148
[signature] / APEX	10-06-21/1205	MD Glace HW	10-6-21 1205

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 26, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92566390

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

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CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92566390

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92566390

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92566390001	**RW-84 (9-11)**	Solid	10/12/21 10:35	10/12/21 17:05
92566390002	**RW-84 (14-16)**	Solid	10/12/21 10:40	10/12/21 17:05
92566390003	**RW-84 (48-50)**	Solid	10/12/21 10:45	10/12/21 17:05

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92566390

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92566390001	**RW-84 (9-11)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	ADM, DWR	71	PAN
		SW-846	CES1	1	PASI-C
		SM 2540G	KDW	1	PAN
92566390002	**RW-84 (14-16)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	ADM, DWR	71	PAN
		SW-846	CES1	1	PASI-C
		SM 2540G	KDW	1	PAN
92566390003	**RW-84 (48-50)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	ADM, DWR	71	PAN
		SW-846	CES1	1	PASI-C
		SM 2540G	KDW	1	PAN

PAN = Pace National - Mt. Juliet
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92566390

Sample: RW-84 (9-11) **Lab ID: 92566390001** Collected: 10/12/21 10:35 Received: 10/12/21 17:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**89.7**	mg/kg	4.1	4.1	1	10/25/21 19:53	10/26/21 02:03		N2
Aliphatic (C05-C08)	**49.4**	mg/kg	4.1	4.1	1	10/25/21 19:53	10/26/21 02:03		N2
Aliphatic(C09-C12) Adjusted	**31.8**	mg/kg	4.1	4.1	1	10/25/21 19:53	10/26/21 02:03		N2
Aromatic (C09-C10)	**8.5**	mg/kg	4.1	4.1	1	10/25/21 19:53	10/26/21 02:03		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130		1	10/25/21 19:53	10/26/21 02:03	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1	10/25/21 19:53	10/26/21 02:03	460-00-4	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
Acetone	ND	ug/kg	74.3	54.2	1	10/12/21 10:35	10/20/21 13:23	67-64-1	
Benzene	**2320**	ug/kg	1.49	0.694	1	10/12/21 10:35	10/20/21 13:23	71-43-2	
Bromobenzene	ND	ug/kg	18.6	1.34	1	10/12/21 10:35	10/20/21 13:23	108-86-1	
Bromodichloromethane	ND	ug/kg	3.71	1.08	1	10/12/21 10:35	10/20/21 13:23	75-27-4	
Bromoform	ND	ug/kg	37.1	1.74	1	10/12/21 10:35	10/20/21 13:23	75-25-2	
Bromomethane	ND	ug/kg	18.6	2.93	1	10/12/21 10:35	10/20/21 13:23	74-83-9	
n-Butylbenzene	**84.8**	ug/kg	18.6	7.80	1	10/12/21 10:35	10/20/21 13:23	104-51-8	
sec-Butylbenzene	**43.1**	ug/kg	18.6	4.28	1	10/12/21 10:35	10/20/21 13:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.43	2.90	1	10/12/21 10:35	10/20/21 13:23	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.43	1.33	1	10/12/21 10:35	10/20/21 13:23	56-23-5	
Chlorobenzene	ND	ug/kg	3.71	0.312	1	10/12/21 10:35	10/20/21 13:23	108-90-7	
Dibromochloromethane	ND	ug/kg	3.71	0.909	1	10/12/21 10:35	10/20/21 13:23	124-48-1	
Chloroethane	ND	ug/kg	7.43	2.53	1	10/12/21 10:35	10/20/21 13:23	75-00-3	
Chloroform	ND	ug/kg	3.71	1.53	1	10/12/21 10:35	10/20/21 13:23	67-66-3	
Chloromethane	ND	ug/kg	18.6	6.46	1	10/12/21 10:35	10/20/21 13:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.71	1.29	1	10/12/21 10:35	10/20/21 13:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.43	0.669	1	10/12/21 10:35	10/20/21 13:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	37.1	5.79	1	10/12/21 10:35	10/20/21 13:23	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.71	0.963	1	10/12/21 10:35	10/20/21 13:23	106-93-4	
Dibromomethane	ND	ug/kg	7.43	1.11	1	10/12/21 10:35	10/20/21 13:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.43	0.631	1	10/12/21 10:35	10/20/21 13:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.43	0.891	1	10/12/21 10:35	10/20/21 13:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.43	1.04	1	10/12/21 10:35	10/20/21 13:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.71	2.39	1	10/12/21 10:35	10/20/21 13:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.71	0.729	1	10/12/21 10:35	10/20/21 13:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.71	0.964	1	10/12/21 10:35	10/20/21 13:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.71	0.900	1	10/12/21 10:35	10/20/21 13:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.71	1.09	1	10/12/21 10:35	10/20/21 13:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.43	1.55	1	10/12/21 10:35	10/20/21 13:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.43	2.11	1	10/12/21 10:35	10/20/21 13:23	78-87-5	
1,1-Dichloropropene	ND	ug/kg	3.71	1.20	1	10/12/21 10:35	10/20/21 13:23	563-58-6	
1,3-Dichloropropane	ND	ug/kg	7.43	0.744	1	10/12/21 10:35	10/20/21 13:23	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	3.71	1.12	1	10/12/21 10:35	10/20/21 13:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.43	1.69	1	10/12/21 10:35	10/20/21 13:23	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92566390

Sample: RW-84 (9-11) **Lab ID: 92566390001** Collected: 10/12/21 10:35 Received: 10/12/21 17:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
2,2-Dichloropropane	ND	ug/kg	3.71	2.05	1	10/12/21 10:35	10/20/21 13:23	594-20-7	
Diisopropyl ether	**817**	ug/kg	1.49	0.609	1	10/12/21 10:35	10/20/21 13:23	108-20-3	
Ethylbenzene	**2410**	ug/kg	3.71	1.09	1	10/12/21 10:35	10/20/21 13:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	37.1	8.91	1	10/12/21 10:35	10/20/21 13:23	87-68-3	C3
2-Hexanone	ND	ug/kg	37.1	4.99	1	10/12/21 10:35	10/20/21 13:23	591-78-6	
Isopropylbenzene (Cumene)	**156**	ug/kg	3.71	0.631	1	10/12/21 10:35	10/20/21 13:23	98-82-8	
p-Isopropyltoluene	**25.0**	ug/kg	7.43	3.79	1	10/12/21 10:35	10/20/21 13:23	99-87-6	
2-Butanone (MEK)	ND	ug/kg	149	94.3	1	10/12/21 10:35	10/20/21 13:23	78-93-3	
Methylene Chloride	ND	ug/kg	37.1	9.86	1	10/12/21 10:35	10/20/21 13:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	37.1	3.39	1	10/12/21 10:35	10/20/21 13:23	108-10-1	
Methyl-tert-butyl ether	**165**	ug/kg	1.49	0.520	1	10/12/21 10:35	10/20/21 13:23	1634-04-4	
Naphthalene	**236**	ug/kg	18.6	7.25	1	10/12/21 10:35	10/20/21 13:23	91-20-3	
n-Propylbenzene	**576**	ug/kg	7.43	1.41	1	10/12/21 10:35	10/20/21 13:23	103-65-1	
Styrene	ND	ug/kg	18.6	0.340	1	10/12/21 10:35	10/20/21 13:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.71	1.41	1	10/12/21 10:35	10/20/21 13:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.71	1.03	1	10/12/21 10:35	10/20/21 13:23	79-34-5	C3,L0
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.71	1.12	1	10/12/21 10:35	10/20/21 13:23	76-13-1	
Tetrachloroethene	ND	ug/kg	3.71	1.33	1	10/12/21 10:35	10/20/21 13:23	127-18-4	
Toluene	**13700**	ug/kg	149	38.6	20	10/12/21 10:35	10/26/21 00:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	18.6	10.9	1	10/12/21 10:35	10/20/21 13:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	18.6	6.54	1	10/12/21 10:35	10/20/21 13:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.71	1.37	1	10/12/21 10:35	10/20/21 13:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.71	0.887	1	10/12/21 10:35	10/20/21 13:23	79-00-5	
Trichloroethene	ND	ug/kg	1.49	0.868	1	10/12/21 10:35	10/20/21 13:23	79-01-6	L0
Trichlorofluoromethane	ND	ug/kg	3.71	1.23	1	10/12/21 10:35	10/20/21 13:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	18.6	2.41	1	10/12/21 10:35	10/20/21 13:23	96-18-4	
1,2,4-Trimethylbenzene	**3050**	ug/kg	7.43	2.35	1	10/12/21 10:35	10/20/21 13:23	95-63-6	
1,2,3-Trimethylbenzene	**854**	ug/kg	7.43	2.35	1	10/12/21 10:35	10/20/21 13:23	526-73-8	
1,3,5-Trimethylbenzene	**820**	ug/kg	7.43	2.97	1	10/12/21 10:35	10/20/21 13:23	108-67-8	
Vinyl acetate	ND	ug/kg	18.6	3.77	1	10/12/21 10:35	10/20/21 13:23	108-05-4	
Vinyl chloride	ND	ug/kg	3.71	1.72	1	10/12/21 10:35	10/20/21 13:23	75-01-4	
o-Xylene	**4370**	ug/kg	74.3	26.1	20	10/12/21 10:35	10/26/21 00:30	95-47-6	
m&p-Xylene	**9400**	ug/kg	119	56.5	20	10/12/21 10:35	10/26/21 00:30	179601-23-1	
Xylene (Total)	**13800**	ug/kg	193	26.1	20	10/12/21 10:35	10/26/21 00:30	1330-20-7	
Surrogates									
Toluene-d8 (S)	106	%	75.0-131		1	10/12/21 10:35	10/20/21 13:23	2037-26-5	
Toluene-d8 (S)	113	%	75.0-131		20	10/12/21 10:35	10/26/21 00:30	2037-26-5	
4-Bromofluorobenzene (S)	106	%	67.0-138		1	10/12/21 10:35	10/20/21 13:23	460-00-4	
4-Bromofluorobenzene (S)	95.8	%	67.0-138		20	10/12/21 10:35	10/26/21 00:30	460-00-4	
1,2-Dichloroethane-d4 (S)	99.0	%	70.0-130		1	10/12/21 10:35	10/20/21 13:23	17060-07-0	
1,2-Dichloroethane-d4 (S)	106	%	70.0-130		20	10/12/21 10:35	10/26/21 00:30	17060-07-0	

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92566390

Sample: RW-84 (9-11) **Lab ID: 92566390001** Collected: 10/12/21 10:35 Received: 10/12/21 17:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**19.1**	%	0.10	0.10	1		10/19/21 10:20		N2
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet								
Total Solids	**80.9**	%			1	10/19/21 10:21	10/19/21 10:28		

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92566390

Sample: RW-84 (14-16) **Lab ID: 92566390002** Collected: 10/12/21 10:40 Received: 10/12/21 17:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**1060**	mg/kg	13.2	13.2	4	10/21/21 16:55	10/22/21 10:35		N2
Aliphatic (C05-C08)	**577**	mg/kg	13.2	13.2	4	10/21/21 16:55	10/22/21 10:35		N2
Aliphatic(C09-C12) Adjusted	**358**	mg/kg	13.2	13.2	4	10/21/21 16:55	10/22/21 10:35		N2
Aromatic (C09-C10)	**121**	mg/kg	13.2	13.2	4	10/21/21 16:55	10/22/21 10:35		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	130	%	70-130		4	10/21/21 16:55	10/22/21 10:35	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		4	10/21/21 16:55	10/22/21 10:35	460-00-4	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
Acetone	ND	ug/kg	543	396	8	10/12/21 10:40	10/20/21 18:47	67-64-1	
Benzene	**3690**	ug/kg	10.9	5.08	8	10/12/21 10:40	10/20/21 18:47	71-43-2	
Bromobenzene	ND	ug/kg	136	9.77	8	10/12/21 10:40	10/20/21 18:47	108-86-1	
Bromodichloromethane	ND	ug/kg	27.1	7.87	8	10/12/21 10:40	10/20/21 18:47	75-27-4	
Bromoform	ND	ug/kg	271	12.7	8	10/12/21 10:40	10/20/21 18:47	75-25-2	
Bromomethane	ND	ug/kg	136	21.4	8	10/12/21 10:40	10/20/21 18:47	74-83-9	
n-Butylbenzene	**1600**	ug/kg	136	57.0	8	10/12/21 10:40	10/20/21 18:47	104-51-8	
sec-Butylbenzene	**575**	ug/kg	136	31.2	8	10/12/21 10:40	10/20/21 18:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	54.3	21.2	8	10/12/21 10:40	10/20/21 18:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	54.3	9.75	8	10/12/21 10:40	10/20/21 18:47	56-23-5	
Chlorobenzene	ND	ug/kg	27.1	2.28	8	10/12/21 10:40	10/20/21 18:47	108-90-7	
Dibromochloromethane	ND	ug/kg	27.1	6.65	8	10/12/21 10:40	10/20/21 18:47	124-48-1	
Chloroethane	ND	ug/kg	54.3	18.5	8	10/12/21 10:40	10/20/21 18:47	75-00-3	
Chloroform	ND	ug/kg	27.1	11.2	8	10/12/21 10:40	10/20/21 18:47	67-66-3	
Chloromethane	ND	ug/kg	136	47.2	8	10/12/21 10:40	10/20/21 18:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	27.1	9.39	8	10/12/21 10:40	10/20/21 18:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	54.3	4.89	8	10/12/21 10:40	10/20/21 18:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	271	42.3	8	10/12/21 10:40	10/20/21 18:47	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	27.1	7.03	8	10/12/21 10:40	10/20/21 18:47	106-93-4	
Dibromomethane	ND	ug/kg	54.3	8.14	8	10/12/21 10:40	10/20/21 18:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	54.3	4.61	8	10/12/21 10:40	10/20/21 18:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	54.3	6.52	8	10/12/21 10:40	10/20/21 18:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	54.3	7.60	8	10/12/21 10:40	10/20/21 18:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	27.1	17.5	8	10/12/21 10:40	10/20/21 18:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	27.1	5.33	8	10/12/21 10:40	10/20/21 18:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	27.1	7.04	8	10/12/21 10:40	10/20/21 18:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	27.1	6.58	8	10/12/21 10:40	10/20/21 18:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	27.1	7.97	8	10/12/21 10:40	10/20/21 18:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	54.3	11.3	8	10/12/21 10:40	10/20/21 18:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	54.3	15.5	8	10/12/21 10:40	10/20/21 18:47	78-87-5	
1,1-Dichloropropene	ND	ug/kg	27.1	8.78	8	10/12/21 10:40	10/20/21 18:47	563-58-6	
1,3-Dichloropropane	ND	ug/kg	54.3	5.44	8	10/12/21 10:40	10/20/21 18:47	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	27.1	8.23	8	10/12/21 10:40	10/20/21 18:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	54.3	12.4	8	10/12/21 10:40	10/20/21 18:47	10061-02-6	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92566390

Sample: RW-84 (14-16) **Lab ID: 92566390002** Collected: 10/12/21 10:40 Received: 10/12/21 17:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
2,2-Dichloropropane	ND	ug/kg	27.1	14.9	8	10/12/21 10:40	10/20/21 18:47	594-20-7	
Diisopropyl ether	**687**	ug/kg	10.9	4.45	8	10/12/21 10:40	10/20/21 18:47	108-20-3	
Ethylbenzene	**17400**	ug/kg	27.1	8.01	8	10/12/21 10:40	10/20/21 18:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	271	65.2	8	10/12/21 10:40	10/20/21 18:47	87-68-3	C3
2-Hexanone	ND	ug/kg	271	36.5	8	10/12/21 10:40	10/20/21 18:47	591-78-6	
Isopropylbenzene (Cumene)	**1520**	ug/kg	27.1	4.61	8	10/12/21 10:40	10/20/21 18:47	98-82-8	
p-Isopropyltoluene	**394**	ug/kg	54.3	27.7	8	10/12/21 10:40	10/20/21 18:47	99-87-6	
2-Butanone (MEK)	ND	ug/kg	1090	690	8	10/12/21 10:40	10/20/21 18:47	78-93-3	
Methylene Chloride	ND	ug/kg	271	72.1	8	10/12/21 10:40	10/20/21 18:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	271	24.7	8	10/12/21 10:40	10/20/21 18:47	108-10-1	
Methyl-tert-butyl ether	**117**	ug/kg	10.9	3.80	8	10/12/21 10:40	10/20/21 18:47	1634-04-4	
Naphthalene	**5040**	ug/kg	136	52.9	8	10/12/21 10:40	10/20/21 18:47	91-20-3	
n-Propylbenzene	**5320**	ug/kg	54.3	10.3	8	10/12/21 10:40	10/20/21 18:47	103-65-1	
Styrene	ND	ug/kg	136	2.48	8	10/12/21 10:40	10/20/21 18:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	27.1	10.3	8	10/12/21 10:40	10/20/21 18:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	27.1	7.55	8	10/12/21 10:40	10/20/21 18:47	79-34-5	C3,L0
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	27.1	8.18	8	10/12/21 10:40	10/20/21 18:47	76-13-1	
Tetrachloroethene	ND	ug/kg	27.1	9.73	8	10/12/21 10:40	10/20/21 18:47	127-18-4	
Toluene	**33300**	ug/kg	679	176	100	10/12/21 10:40	10/26/21 00:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	136	79.5	8	10/12/21 10:40	10/20/21 18:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	136	47.8	8	10/12/21 10:40	10/20/21 18:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	27.1	10.0	8	10/12/21 10:40	10/20/21 18:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	27.1	6.49	8	10/12/21 10:40	10/20/21 18:47	79-00-5	
Trichloroethene	ND	ug/kg	10.9	6.34	8	10/12/21 10:40	10/20/21 18:47	79-01-6	L0
Trichlorofluoromethane	ND	ug/kg	27.1	8.99	8	10/12/21 10:40	10/20/21 18:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	136	17.6	8	10/12/21 10:40	10/20/21 18:47	96-18-4	
1,2,4-Trimethylbenzene	**20500**	ug/kg	679	214	100	10/12/21 10:40	10/26/21 00:49	95-63-6	
1,2,3-Trimethylbenzene	**8880**	ug/kg	54.3	17.1	8	10/12/21 10:40	10/20/21 18:47	526-73-8	
1,3,5-Trimethylbenzene	**7980**	ug/kg	54.3	21.7	8	10/12/21 10:40	10/20/21 18:47	108-67-8	
Vinyl acetate	ND	ug/kg	136	27.6	8	10/12/21 10:40	10/20/21 18:47	108-05-4	
Vinyl chloride	ND	ug/kg	27.1	12.6	8	10/12/21 10:40	10/20/21 18:47	75-01-4	
o-Xylene	**17100**	ug/kg	339	119	100	10/12/21 10:40	10/26/21 00:49	95-47-6	
m&p-Xylene	**40400**	ug/kg	543	258	100	10/12/21 10:40	10/26/21 00:49	179601-23-1	
Xylene (Total)	**57500**	ug/kg	882	119	100	10/12/21 10:40	10/26/21 00:49	1330-20-7	
Surrogates									
Toluene-d8 (S)	106	%	75.0-131		8	10/12/21 10:40	10/20/21 18:47	2037-26-5	
Toluene-d8 (S)	110	%	75.0-131		100	10/12/21 10:40	10/26/21 00:49	2037-26-5	
4-Bromofluorobenzene (S)	107	%	67.0-138		8	10/12/21 10:40	10/20/21 18:47	460-00-4	
4-Bromofluorobenzene (S)	93.9	%	67.0-138		100	10/12/21 10:40	10/26/21 00:49	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70.0-130		8	10/12/21 10:40	10/20/21 18:47	17060-07-0	
1,2-Dichloroethane-d4 (S)	106	%	70.0-130		100	10/12/21 10:40	10/26/21 00:49	17060-07-0	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92566390

Sample: RW-84 (14-16) **Lab ID: 92566390002** Collected: 10/12/21 10:40 Received: 10/12/21 17:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**14.9**	%	0.10	0.10	1		10/19/21 10:20		N2
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet								
Total Solids	**85.1**	%			1	10/19/21 10:21	10/19/21 10:28		

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92566390

Sample: RW-84 (48-50) **Lab ID: 92566390003** Collected: 10/12/21 10:45 Received: 10/12/21 17:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**2410**	mg/kg	26.1	26.1	10	10/21/21 16:55	10/22/21 10:07		N2
Aliphatic (C05-C08)	**1160**	mg/kg	26.1	26.1	10	10/21/21 16:55	10/22/21 10:07		N2
Aliphatic(C09-C12) Adjusted	**858**	mg/kg	26.1	26.1	10	10/21/21 16:55	10/22/21 10:07		N2
Aromatic (C09-C10)	**396**	mg/kg	26.1	26.1	10	10/21/21 16:55	10/22/21 10:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	149	%	70-130		10	10/21/21 16:55	10/22/21 10:07	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	110	%	70-130		10	10/21/21 16:55	10/22/21 10:07	460-00-4	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
Acetone	ND	ug/kg	2370	1730	40	10/12/21 10:45	10/20/21 19:06	67-64-1	
Benzene	**5050**	ug/kg	47.3	22.1	40	10/12/21 10:45	10/20/21 19:06	71-43-2	
Bromobenzene	ND	ug/kg	592	42.6	40	10/12/21 10:45	10/20/21 19:06	108-86-1	
Bromodichloromethane	ND	ug/kg	118	34.3	40	10/12/21 10:45	10/20/21 19:06	75-27-4	
Bromoform	ND	ug/kg	1180	55.4	40	10/12/21 10:45	10/20/21 19:06	75-25-2	
Bromomethane	ND	ug/kg	592	93.2	40	10/12/21 10:45	10/20/21 19:06	74-83-9	
n-Butylbenzene	**5290**	ug/kg	592	248	40	10/12/21 10:45	10/20/21 19:06	104-51-8	
sec-Butylbenzene	**1810**	ug/kg	592	136	40	10/12/21 10:45	10/20/21 19:06	135-98-8	
tert-Butylbenzene	ND	ug/kg	237	92.3	40	10/12/21 10:45	10/20/21 19:06	98-06-6	
Carbon tetrachloride	ND	ug/kg	237	42.5	40	10/12/21 10:45	10/20/21 19:06	56-23-5	
Chlorobenzene	ND	ug/kg	118	9.94	40	10/12/21 10:45	10/20/21 19:06	108-90-7	
Dibromochloromethane	ND	ug/kg	118	29.0	40	10/12/21 10:45	10/20/21 19:06	124-48-1	
Chloroethane	ND	ug/kg	237	80.5	40	10/12/21 10:45	10/20/21 19:06	75-00-3	
Chloroform	ND	ug/kg	118	48.7	40	10/12/21 10:45	10/20/21 19:06	67-66-3	
Chloromethane	ND	ug/kg	592	206	40	10/12/21 10:45	10/20/21 19:06	74-87-3	
2-Chlorotoluene	ND	ug/kg	118	40.9	40	10/12/21 10:45	10/20/21 19:06	95-49-8	
4-Chlorotoluene	ND	ug/kg	237	21.3	40	10/12/21 10:45	10/20/21 19:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1180	185	40	10/12/21 10:45	10/20/21 19:06	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	118	30.6	40	10/12/21 10:45	10/20/21 19:06	106-93-4	
Dibromomethane	ND	ug/kg	237	35.5	40	10/12/21 10:45	10/20/21 19:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	237	20.1	40	10/12/21 10:45	10/20/21 19:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	237	28.4	40	10/12/21 10:45	10/20/21 19:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	237	33.1	40	10/12/21 10:45	10/20/21 19:06	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	118	76.2	40	10/12/21 10:45	10/20/21 19:06	75-71-8	
1,1-Dichloroethane	ND	ug/kg	118	23.2	40	10/12/21 10:45	10/20/21 19:06	75-34-3	
1,2-Dichloroethane	ND	ug/kg	118	30.8	40	10/12/21 10:45	10/20/21 19:06	107-06-2	
1,1-Dichloroethene	ND	ug/kg	118	28.6	40	10/12/21 10:45	10/20/21 19:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	118	34.8	40	10/12/21 10:45	10/20/21 19:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	237	49.2	40	10/12/21 10:45	10/20/21 19:06	156-60-5	
1,2-Dichloropropane	ND	ug/kg	237	67.2	40	10/12/21 10:45	10/20/21 19:06	78-87-5	
1,1-Dichloropropene	ND	ug/kg	118	38.3	40	10/12/21 10:45	10/20/21 19:06	563-58-6	
1,3-Dichloropropane	ND	ug/kg	237	23.7	40	10/12/21 10:45	10/20/21 19:06	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	118	35.8	40	10/12/21 10:45	10/20/21 19:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	237	54.0	40	10/12/21 10:45	10/20/21 19:06	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92566390

Sample: RW-84 (48-50) **Lab ID: 92566390003** Collected: 10/12/21 10:45 Received: 10/12/21 17:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
2,2-Dichloropropane	ND	ug/kg	118	65.3	40	10/12/21 10:45	10/20/21 19:06	594-20-7	
Diisopropyl ether	**602**	ug/kg	47.3	19.4	40	10/12/21 10:45	10/20/21 19:06	108-20-3	
Ethylbenzene	**38500**	ug/kg	118	34.9	40	10/12/21 10:45	10/20/21 19:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	1180	284	40	10/12/21 10:45	10/20/21 19:06	87-68-3	C3
2-Hexanone	ND	ug/kg	1180	159	40	10/12/21 10:45	10/20/21 19:06	591-78-6	
Isopropylbenzene (Cumene)	**4280**	ug/kg	118	20.1	40	10/12/21 10:45	10/20/21 19:06	98-82-8	
p-Isopropyltoluene	**1070**	ug/kg	237	121	40	10/12/21 10:45	10/20/21 19:06	99-87-6	
2-Butanone (MEK)	ND	ug/kg	4730	3010	40	10/12/21 10:45	10/20/21 19:06	78-93-3	
Methylene Chloride	ND	ug/kg	1180	315	40	10/12/21 10:45	10/20/21 19:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1180	108	40	10/12/21 10:45	10/20/21 19:06	108-10-1	
Methyl-tert-butyl ether	**151**	ug/kg	47.3	16.6	40	10/12/21 10:45	10/20/21 19:06	1634-04-4	
Naphthalene	**14000**	ug/kg	592	231	40	10/12/21 10:45	10/20/21 19:06	91-20-3	
n-Propylbenzene	**17200**	ug/kg	237	45.0	40	10/12/21 10:45	10/20/21 19:06	103-65-1	
Styrene	ND	ug/kg	592	10.8	40	10/12/21 10:45	10/20/21 19:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	118	44.8	40	10/12/21 10:45	10/20/21 19:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	118	32.9	40	10/12/21 10:45	10/20/21 19:06	79-34-5	C3,L0
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	118	35.7	40	10/12/21 10:45	10/20/21 19:06	76-13-1	
Tetrachloroethene	ND	ug/kg	118	42.4	40	10/12/21 10:45	10/20/21 19:06	127-18-4	
Toluene	**78300**	ug/kg	237	61.5	40	10/12/21 10:45	10/20/21 19:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	592	347	40	10/12/21 10:45	10/20/21 19:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	592	208	40	10/12/21 10:45	10/20/21 19:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	118	43.7	40	10/12/21 10:45	10/20/21 19:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	118	28.3	40	10/12/21 10:45	10/20/21 19:06	79-00-5	
Trichloroethene	ND	ug/kg	47.3	27.7	40	10/12/21 10:45	10/20/21 19:06	79-01-6	L0
Trichlorofluoromethane	ND	ug/kg	118	39.2	40	10/12/21 10:45	10/20/21 19:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	592	76.7	40	10/12/21 10:45	10/20/21 19:06	96-18-4	
1,2,4-Trimethylbenzene	**110000**	ug/kg	2370	748	400	10/12/21 10:45	10/26/21 01:09	95-63-6	
1,2,3-Trimethylbenzene	**30600**	ug/kg	237	74.8	40	10/12/21 10:45	10/20/21 19:06	526-73-8	
1,3,5-Trimethylbenzene	**27200**	ug/kg	237	94.7	40	10/12/21 10:45	10/20/21 19:06	108-67-8	
Vinyl acetate	ND	ug/kg	592	121	40	10/12/21 10:45	10/20/21 19:06	108-05-4	
Vinyl chloride	ND	ug/kg	118	54.9	40	10/12/21 10:45	10/20/21 19:06	75-01-4	
o-Xylene	**64400**	ug/kg	118	41.6	40	10/12/21 10:45	10/20/21 19:06	95-47-6	
m&p-Xylene	**146000**	ug/kg	189	89.9	40	10/12/21 10:45	10/20/21 19:06	179601-23-1	
Xylene (Total)	**209000**	ug/kg	308	41.6	40	10/12/21 10:45	10/20/21 19:06	1330-20-7	
Surrogates									
Toluene-d8 (S)	103	%	75.0-131		40	10/12/21 10:45	10/20/21 19:06	2037-26-5	
Toluene-d8 (S)	112	%	75.0-131		400	10/12/21 10:45	10/26/21 01:09	2037-26-5	
4-Bromofluorobenzene (S)	104	%	67.0-138		40	10/12/21 10:45	10/20/21 19:06	460-00-4	
4-Bromofluorobenzene (S)	94.8	%	67.0-138		400	10/12/21 10:45	10/26/21 01:09	460-00-4	
1,2-Dichloroethane-d4 (S)	95.6	%	70.0-130		40	10/12/21 10:45	10/20/21 19:06	17060-07-0	
1,2-Dichloroethane-d4 (S)	106	%	70.0-130		400	10/12/21 10:45	10/26/21 01:09	17060-07-0	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92566390

Sample: RW-84 (48-50) **Lab ID: 92566390003** Collected: 10/12/21 10:45 Received: 10/12/21 17:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**7.7**	%	0.10	0.10	1		10/19/21 10:20		N2
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet								
Total Solids	**92.3**	%			1	10/19/21 10:21	10/19/21 10:28		

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92566390

QC Batch: 654414
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92566390002, 92566390003

METHOD BLANK: 3431414 Matrix: Solid
Associated Lab Samples: 92566390002, 92566390003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/21/21 18:05	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/21/21 18:05	N2
4-Bromofluorobenzene (FID) (S)	%	106	70-130		10/21/21 18:05	
4-Bromofluorobenzene (PID) (S)	%	106	70-130		10/21/21 18:05	

LABORATORY CONTROL SAMPLE & LCSD: 3431415 3431416

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	14.1	12.9	95	86	70-130	9	25	N2
Aromatic (C09-C10)	mg/kg	5	5.3	4.9	106	99	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	101	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92566390

QC Batch: 655113
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92566390001

METHOD BLANK: 3435128 Matrix: Solid
Associated Lab Samples: 92566390001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/25/21 21:17	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/25/21 21:17	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		10/25/21 21:17	
4-Bromofluorobenzene (PID) (S)	%	101	70-130		10/25/21 21:17	

LABORATORY CONTROL SAMPLE & LCSD: 3435129 3435130

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	14.7	12.4	99	83	70-130	17	25	N2
Aromatic (C09-C10)	mg/kg	5	6.0	5.0	120	101	70-130	17	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	98	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92566390

QC Batch: 1760359
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92566390001, 92566390002, 92566390003

METHOD BLANK: R3720901-2 Matrix: Solid
Associated Lab Samples: 92566390001, 92566390002, 92566390003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Acetone	ug/kg	ND	50.0	36.5	10/20/21 11:00	
Benzene	ug/kg	ND	1.00	0.467	10/20/21 11:00	
Bromobenzene	ug/kg	ND	12.5	0.900	10/20/21 11:00	
Bromodichloromethane	ug/kg	ND	2.50	0.725	10/20/21 11:00	
Bromoform	ug/kg	ND	25.0	1.17	10/20/21 11:00	
Bromomethane	ug/kg	ND	12.5	1.97	10/20/21 11:00	
n-Butylbenzene	ug/kg	ND	12.5	5.25	10/20/21 11:00	
sec-Butylbenzene	ug/kg	ND	12.5	2.88	10/20/21 11:00	
tert-Butylbenzene	ug/kg	ND	5.00	1.95	10/20/21 11:00	
Carbon tetrachloride	ug/kg	ND	5.00	0.898	10/20/21 11:00	
Chlorobenzene	ug/kg	ND	2.50	0.210	10/20/21 11:00	
Dibromochloromethane	ug/kg	ND	2.50	0.612	10/20/21 11:00	
Chloroethane	ug/kg	ND	5.00	1.70	10/20/21 11:00	
Chloroform	ug/kg	ND	2.50	1.03	10/20/21 11:00	
Chloromethane	ug/kg	ND	12.5	4.35	10/20/21 11:00	
2-Chlorotoluene	ug/kg	ND	2.50	0.865	10/20/21 11:00	
4-Chlorotoluene	ug/kg	ND	5.00	0.450	10/20/21 11:00	
1,2-Dibromo-3-chloropropane	ug/kg	ND	25.0	3.90	10/20/21 11:00	
1,2-Dibromoethane (EDB)	ug/kg	ND	2.50	0.648	10/20/21 11:00	
Dibromomethane	ug/kg	ND	5.00	0.750	10/20/21 11:00	
1,2-Dichlorobenzene	ug/kg	ND	5.00	0.425	10/20/21 11:00	
1,3-Dichlorobenzene	ug/kg	ND	5.00	0.600	10/20/21 11:00	
1,4-Dichlorobenzene	ug/kg	ND	5.00	0.700	10/20/21 11:00	
Dichlorodifluoromethane	ug/kg	ND	2.50	1.61	10/20/21 11:00	
1,1-Dichloroethane	ug/kg	ND	2.50	0.491	10/20/21 11:00	
1,2-Dichloroethane	ug/kg	ND	2.50	0.649	10/20/21 11:00	
1,1-Dichloroethene	ug/kg	ND	2.50	0.606	10/20/21 11:00	
cis-1,2-Dichloroethene	ug/kg	ND	2.50	0.734	10/20/21 11:00	
trans-1,2-Dichloroethene	ug/kg	ND	5.00	1.04	10/20/21 11:00	
1,2-Dichloropropane	ug/kg	ND	5.00	1.42	10/20/21 11:00	
1,1-Dichloropropene	ug/kg	ND	2.50	0.809	10/20/21 11:00	
1,3-Dichloropropane	ug/kg	ND	5.00	0.501	10/20/21 11:00	
cis-1,3-Dichloropropene	ug/kg	ND	2.50	0.757	10/20/21 11:00	
trans-1,3-Dichloropropene	ug/kg	ND	5.00	1.14	10/20/21 11:00	
2,2-Dichloropropane	ug/kg	ND	2.50	1.38	10/20/21 11:00	
Diisopropyl ether	ug/kg	ND	1.00	0.410	10/20/21 11:00	
Ethylbenzene	ug/kg	ND	2.50	0.737	10/20/21 11:00	
Hexachloro-1,3-butadiene	ug/kg	ND	25.0	6.00	10/20/21 11:00	
2-Hexanone	ug/kg	ND	25.0	3.36	10/20/21 11:00	
Isopropylbenzene (Cumene)	ug/kg	ND	2.50	0.425	10/20/21 11:00	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92566390

METHOD BLANK: R3720901-2 Matrix: Solid
Associated Lab Samples: 92566390001, 92566390002, 92566390003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
p-Isopropyltoluene	ug/kg	ND	5.00	2.55	10/20/21 11:00	
2-Butanone (MEK)	ug/kg	ND	100	63.5	10/20/21 11:00	
Methylene Chloride	ug/kg	ND	25.0	6.64	10/20/21 11:00	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	2.28	10/20/21 11:00	
Methyl-tert-butyl ether	ug/kg	ND	1.00	0.350	10/20/21 11:00	
Naphthalene	ug/kg	ND	12.5	4.88	10/20/21 11:00	
n-Propylbenzene	ug/kg	ND	5.00	0.950	10/20/21 11:00	
Styrene	ug/kg	ND	12.5	0.229	10/20/21 11:00	
1,1,1,2-Tetrachloroethane	ug/kg	ND	2.50	0.948	10/20/21 11:00	
1,1,2,2-Tetrachloroethane	ug/kg	ND	2.50	0.695	10/20/21 11:00	
Tetrachloroethene	ug/kg	ND	2.50	0.896	10/20/21 11:00	
Toluene	ug/kg	ND	5.00	1.30	10/20/21 11:00	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	2.50	0.754	10/20/21 11:00	
1,2,3-Trichlorobenzene	ug/kg	ND	12.5	7.33	10/20/21 11:00	
1,2,4-Trichlorobenzene	ug/kg	ND	12.5	4.40	10/20/21 11:00	
1,1,1-Trichloroethane	ug/kg	ND	2.50	0.923	10/20/21 11:00	
1,1,2-Trichloroethane	ug/kg	ND	2.50	0.597	10/20/21 11:00	
Trichloroethene	ug/kg	ND	1.00	0.584	10/20/21 11:00	
Trichlorofluoromethane	ug/kg	ND	2.50	0.827	10/20/21 11:00	
1,2,3-Trichloropropane	ug/kg	ND	12.5	1.62	10/20/21 11:00	
1,2,3-Trimethylbenzene	ug/kg	ND	5.00	1.58	10/20/21 11:00	
1,2,4-Trimethylbenzene	ug/kg	ND	5.00	1.58	10/20/21 11:00	
1,3,5-Trimethylbenzene	ug/kg	ND	5.00	2.00	10/20/21 11:00	
Vinyl acetate	ug/kg	ND	12.5	2.54	10/20/21 11:00	
Vinyl chloride	ug/kg	ND	2.50	1.16	10/20/21 11:00	
Xylene (Total)	ug/kg	ND	6.50	0.880	10/20/21 11:00	
o-Xylene	ug/kg	ND	2.50	0.880	10/20/21 11:00	
m&p-Xylene	ug/kg	ND	4.00	1.90	10/20/21 11:00	
Toluene-d8 (S)	%	106	75.0-131		10/20/21 11:00	
4-Bromofluorobenzene (S)	%	101	67.0-138		10/20/21 11:00	
1,2-Dichloroethane-d4 (S)	%	93.3	70.0-130		10/20/21 11:00	

LABORATORY CONTROL SAMPLE: R3720901-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetone	ug/kg	625	627	100	10.0-160	
Benzene	ug/kg	125	120	96.0	70.0-123	
Bromobenzene	ug/kg	125	118	94.4	73.0-121	
Bromodichloromethane	ug/kg	125	129	103	73.0-121	
Bromoform	ug/kg	125	129	103	64.0-132	
Bromomethane	ug/kg	125	120	96.0	56.0-147	
n-Butylbenzene	ug/kg	125	115	92.0	68.0-135	
sec-Butylbenzene	ug/kg	125	120	96.0	74.0-130	
tert-Butylbenzene	ug/kg	125	120	96.0	75.0-127	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92566390

LABORATORY CONTROL SAMPLE: R3720901-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	125	121	96.8	66.0-128	
Chlorobenzene	ug/kg	125	116	92.8	76.0-128	
Dibromochloromethane	ug/kg	125	122	97.6	74.0-127	
Chloroethane	ug/kg	125	131	105	61.0-134	
Chloroform	ug/kg	125	127	102	72.0-123	
Chloromethane	ug/kg	125	109	87.2	51.0-138	
2-Chlorotoluene	ug/kg	125	121	96.8	75.0-124	
4-Chlorotoluene	ug/kg	125	118	94.4	75.0-124	
1,2-Dibromo-3-chloropropane	ug/kg	125	123	98.4	59.0-130	
1,2-Dibromoethane (EDB)	ug/kg	125	132	106	74.0-128	
Dibromomethane	ug/kg	125	132	106	75.0-122	
1,2-Dichlorobenzene	ug/kg	125	127	102	76.0-124	
1,3-Dichlorobenzene	ug/kg	125	119	95.2	76.0-125	
1,4-Dichlorobenzene	ug/kg	125	118	94.4	77.0-121	
Dichlorodifluoromethane	ug/kg	125	122	97.6	43.0-156	
1,1-Dichloroethane	ug/kg	125	121	96.8	70.0-127	
1,2-Dichloroethane	ug/kg	125	133	106	65.0-131	
1,1-Dichloroethene	ug/kg	125	114	91.2	65.0-131	
cis-1,2-Dichloroethene	ug/kg	125	127	102	73.0-125	
trans-1,2-Dichloroethene	ug/kg	125	116	92.8	71.0-125	
1,2-Dichloropropane	ug/kg	125	123	98.4	74.0-125	
1,1-Dichloropropene	ug/kg	125	119	95.2	73.0-125	
1,3-Dichloropropane	ug/kg	125	126	101	80.0-125	
cis-1,3-Dichloropropene	ug/kg	125	133	106	76.0-127	
trans-1,3-Dichloropropene	ug/kg	125	126	101	73.0-127	
2,2-Dichloropropane	ug/kg	125	129	103	59.0-135	
Diisopropyl ether	ug/kg	125	121	96.8	60.0-136	
Ethylbenzene	ug/kg	125	122	97.6	74.0-126	
Hexachloro-1,3-butadiene	ug/kg	125	98.0	78.4	57.0-150	
2-Hexanone	ug/kg	625	635	102	54.0-147	
Isopropylbenzene (Cumene)	ug/kg	125	121	96.8	72.0-127	
p-Isopropyltoluene	ug/kg	125	123	98.4	72.0-133	
2-Butanone (MEK)	ug/kg	625	582	93.1	30.0-160	
Methylene Chloride	ug/kg	125	126	101	68.0-123	
4-Methyl-2-pentanone (MIBK)	ug/kg	625	632	101	56.0-143	
Methyl-tert-butyl ether	ug/kg	125	125	100	66.0-132	
Naphthalene	ug/kg	125	106	84.8	59.0-130	
n-Propylbenzene	ug/kg	125	119	95.2	74.0-126	
Styrene	ug/kg	125	128	102	72.0-127	
1,1,1,2-Tetrachloroethane	ug/kg	125	123	98.4	74.0-129	
1,1,2,2-Tetrachloroethane	ug/kg	125	84.0	67.2	68.0-128	L0
Tetrachloroethene	ug/kg	125	122	97.6	70.0-136	
Toluene	ug/kg	125	116	92.8	75.0-121	
1,1,2-Trichlorotrifluoroethane	ug/kg	125	117	93.6	61.0-139	
1,2,3-Trichlorobenzene	ug/kg	125	108	86.4	59.0-139	
1,2,4-Trichlorobenzene	ug/kg	125	110	88.0	62.0-137	
1,1,1-Trichloroethane	ug/kg	125	118	94.4	69.0-126	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92566390

LABORATORY CONTROL SAMPLE: R3720901-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/kg	125	119	95.2	78.0-123	
Trichloroethene	ug/kg	125	164	131	76.0-126	L0
Trichlorofluoromethane	ug/kg	125	116	92.8	61.0-142	
1,2,3-Trichloropropane	ug/kg	125	124	99.2	67.0-129	
1,2,3-Trimethylbenzene	ug/kg	125	117	93.6	74.0-124	
1,2,4-Trimethylbenzene	ug/kg	125	117	93.6	70.0-126	
1,3,5-Trimethylbenzene	ug/kg	125	115	92.0	73.0-127	
Vinyl acetate	ug/kg	625	511	81.8	43.0-159	
Vinyl chloride	ug/kg	125	118	94.4	63.0-134	
Xylene (Total)	ug/kg	375	366	97.6	72.0-127	
o-Xylene	ug/kg	125	123	98.4	79.0-124	
m&p-Xylene	ug/kg	250	243	97.2	76.0-126	
Toluene-d8 (S)	%			104	75.0-131	
4-Bromofluorobenzene (S)	%			106	67.0-138	
1,2-Dichloroethane-d4 (S)	%			101	70.0-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92566390

QC Batch: 1763076
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92566390001, 92566390002, 92566390003

METHOD BLANK: R3721195-2 Matrix: Solid
Associated Lab Samples: 92566390001, 92566390002, 92566390003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Toluene	ug/kg	ND	5.00	1.30	10/25/21 16:07	
1,2,4-Trimethylbenzene	ug/kg	ND	5.00	1.58	10/25/21 16:07	
Xylene (Total)	ug/kg	ND	6.50	0.880	10/25/21 16:07	
o-Xylene	ug/kg	ND	2.50	0.880	10/25/21 16:07	
m&p-Xylene	ug/kg	ND	4.00	1.90	10/25/21 16:07	
Toluene-d8 (S)	%	116	75.0-131		10/25/21 16:07	
4-Bromofluorobenzene (S)	%	97.5	67.0-138		10/25/21 16:07	
1,2-Dichloroethane-d4 (S)	%	103	70.0-130		10/25/21 16:07	

LABORATORY CONTROL SAMPLE: R3721195-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/kg	125	119	95.2	75.0-121	
1,2,4-Trimethylbenzene	ug/kg	125	119	95.2	70.0-126	
Xylene (Total)	ug/kg	375	340	90.7	72.0-127	
o-Xylene	ug/kg	125	114	91.2	79.0-124	
m&p-Xylene	ug/kg	250	226	90.4	76.0-126	
Toluene-d8 (S)	%			109	75.0-131	
4-Bromofluorobenzene (S)	%			90.6	67.0-138	
1,2-Dichloroethane-d4 (S)	%			107	70.0-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92566390

QC Batch: 1758898 | Analysis Method: SM 2540G
QC Batch Method: SM 2540 G | Analysis Description: Total Solids 2540 G-2011
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92566390001, 92566390002, 92566390003

METHOD BLANK: R3718855-1 Matrix: Solid
Associated Lab Samples: 92566390001, 92566390002, 92566390003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Solids	%	0.00100			10/19/21 10:28	

LABORATORY CONTROL SAMPLE: R3718855-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	100	85.0-115	

SAMPLE DUPLICATE: R3718855-3

Parameter	Units	L1417915-03 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Solids	%	82.8	88.8	6.98	10	

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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92566390

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92566390

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92566390001	**RW-84 (9-11)**	MADEP VPH	655113	MADEP VPH	655118
92566390002	**RW-84 (14-16)**	MADEP VPH	654414	MADEP VPH	654533
92566390003	**RW-84 (48-50)**	MADEP VPH	654414	MADEP VPH	654533
92566390001	**RW-84 (9-11)**	5035A	1760359	EPA 8260D	1760359
92566390001	**RW-84 (9-11)**	5035A	1763076	EPA 8260D	1763076
92566390002	**RW-84 (14-16)**	5035A	1760359	EPA 8260D	1760359
92566390002	**RW-84 (14-16)**	5035A	1763076	EPA 8260D	1763076
92566390003	**RW-84 (48-50)**	5035A	1760359	EPA 8260D	1760359
92566390003	**RW-84 (48-50)**	5035A	1763076	EPA 8260D	1763076
92566390001	**RW-84 (9-11)**	SW-846			
92566390002	**RW-84 (14-16)**	SW-846			
92566390003	**RW-84 (48-50)**	SW-846			
92566390001	**RW-84 (9-11)**	SM 2540 G	1758898	SM 2540G	1758898
92566390002	**RW-84 (14-16)**	SM 2540 G	1758898	SM 2540G	1758898
92566390003	**RW-84 (48-50)**	SM 2540 G	1758898	SM 2540G	1758898

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE — WO# : 92566390 — 92566390 — mber or

Company: APEX COMPANIES, LLC	Billing Information:
Address:	
Report To: ANDREW SIDDELL TOM NAUMANN	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: CAC 21018 CAC LOUISVILLE	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: Email:	Site/Facility ID #: — Compliance Monitoring? [ ] Yes [X] No
Collected By (print): CHRIS REEVES	Purchase Order #: Quote #: 2020-LI-2248 — DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: — Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) — Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type ** : 6 6

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: MADEP VPH	Analyses: VOCs 8260D	Lab Sample # / Comments
RW-84 (9-11)	SOIL	GRAB	10.12.21	1035	—	—	—	3	X	X	92566340 001
RW-84 (14-16)	SOIL	GRAB	10.12.21	1040	—	—	—	3	X	X	002
RW-84 (48-50)	SOIL	GRAB	10.12.21	1045	—	—	—	3	X	X	003

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	(NA)
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	Y	N	(NA)
USDA Regulated Soils	Y	(N)	NA
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	Y	N	(NA)
pH Strips: _____			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: foam

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546877

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92700U4
Cooler 1 Temp Upon Receipt: 5.3 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 5.3 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
APEX	10.12.21/1530	APEX	10-12-21/1530
APEX	10-12-2021/1705	Pace Mt. Juliet Sales	10-12-21 17:05

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N (NA)
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: 1 of: 1

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO#: 92566390

PM: AMB Due Date: 10/19/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastid Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VSARP (5 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																						3						
2																						3						
3																						2						
4																												
5																												
6																												
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9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 31, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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SAMPLE SUMMARY

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92566639001	**RW-85 (15-17)**	Solid	10/13/21 11:45	10/13/21 16:45
92566639002	**RW-85 (40-42)**	Solid	10/13/21 11:50	10/13/21 16:45

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92566639001	**RW-85 (15-17)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	ADM	71	PAN
		SW-846	CES1	1	PASI-C
		SM 2540G	KDW	1	PAN
92566639002	**RW-85 (40-42)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	ADM, BMB	71	PAN
		SW-846	CES1	1	PASI-C
		SM 2540G	KDW	1	PAN

PAN = Pace National - Mt. Juliet
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

Sample: RW-85 (15-17) **Lab ID: 92566639001** Collected: 10/13/21 11:45 Received: 10/13/21 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**8550**	mg/kg	81.5	81.5	20	10/21/21 17:48	10/22/21 11:03		N2
Aliphatic (C05-C08)	**4290**	mg/kg	81.5	81.5	20	10/21/21 17:48	10/22/21 11:03		N2
Aliphatic(C09-C12) Adjusted	**3030**	mg/kg	81.5	81.5	20	10/21/21 17:48	10/22/21 11:03		N2
Aromatic (C09-C10)	**1220**	mg/kg	81.5	81.5	20	10/21/21 17:48	10/22/21 11:03		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	138	%	70-130		20	10/21/21 17:48	10/22/21 11:03	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	102	%	70-130		20	10/21/21 17:48	10/22/21 11:03	460-00-4	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
Acetone	ND	ug/kg	77.2	56.3	1	10/21/21 00:53	10/21/21 15:18	67-64-1	
Benzene	**18.7**	ug/kg	1.54	0.721	1	10/21/21 00:53	10/21/21 15:18	71-43-2	
Bromobenzene	ND	ug/kg	19.3	1.39	1	10/21/21 00:53	10/21/21 15:18	108-86-1	
Bromodichloromethane	ND	ug/kg	3.86	1.12	1	10/21/21 00:53	10/21/21 15:18	75-27-4	L0
Bromoform	ND	ug/kg	38.6	1.81	1	10/21/21 00:53	10/21/21 15:18	75-25-2	
Bromomethane	ND	ug/kg	19.3	3.04	1	10/21/21 00:53	10/21/21 15:18	74-83-9	
n-Butylbenzene	**607**	ug/kg	19.3	8.10	1	10/21/21 00:53	10/21/21 15:18	104-51-8	
sec-Butylbenzene	**208**	ug/kg	19.3	4.45	1	10/21/21 00:53	10/21/21 15:18	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.72	3.01	1	10/21/21 00:53	10/21/21 15:18	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.72	1.39	1	10/21/21 00:53	10/21/21 15:18	56-23-5	
Chlorobenzene	ND	ug/kg	3.86	0.324	1	10/21/21 00:53	10/21/21 15:18	108-90-7	
Dibromochloromethane	ND	ug/kg	3.86	0.945	1	10/21/21 00:53	10/21/21 15:18	124-48-1	
Chloroethane	ND	ug/kg	7.72	2.62	1	10/21/21 00:53	10/21/21 15:18	75-00-3	
Chloroform	ND	ug/kg	3.86	1.59	1	10/21/21 00:53	10/21/21 15:18	67-66-3	
Chloromethane	ND	ug/kg	19.3	6.72	1	10/21/21 00:53	10/21/21 15:18	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.86	1.34	1	10/21/21 00:53	10/21/21 15:18	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.72	0.695	1	10/21/21 00:53	10/21/21 15:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	38.6	6.02	1	10/21/21 00:53	10/21/21 15:18	96-12-8	C3
1,2-Dibromoethane (EDB)	ND	ug/kg	3.86	1.00	1	10/21/21 00:53	10/21/21 15:18	106-93-4	
Dibromomethane	ND	ug/kg	7.72	1.16	1	10/21/21 00:53	10/21/21 15:18	74-95-3	L0
1,2-Dichlorobenzene	ND	ug/kg	7.72	0.656	1	10/21/21 00:53	10/21/21 15:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.72	0.926	1	10/21/21 00:53	10/21/21 15:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.72	1.08	1	10/21/21 00:53	10/21/21 15:18	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.86	2.49	1	10/21/21 00:53	10/21/21 15:18	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.86	0.758	1	10/21/21 00:53	10/21/21 15:18	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.86	1.00	1	10/21/21 00:53	10/21/21 15:18	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.86	0.936	1	10/21/21 00:53	10/21/21 15:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.86	1.13	1	10/21/21 00:53	10/21/21 15:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.72	1.61	1	10/21/21 00:53	10/21/21 15:18	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.72	2.19	1	10/21/21 00:53	10/21/21 15:18	78-87-5	
1,1-Dichloropropene	ND	ug/kg	3.86	1.25	1	10/21/21 00:53	10/21/21 15:18	563-58-6	
1,3-Dichloropropane	ND	ug/kg	7.72	0.773	1	10/21/21 00:53	10/21/21 15:18	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	3.86	1.17	1	10/21/21 00:53	10/21/21 15:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.72	1.76	1	10/21/21 00:53	10/21/21 15:18	10061-02-6	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

Sample: RW-85 (15-17) **Lab ID: 92566639001** Collected: 10/13/21 11:45 Received: 10/13/21 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
2,2-Dichloropropane	ND	ug/kg	3.86	2.13	1	10/21/21 00:53	10/21/21 15:18	594-20-7	L0
Diisopropyl ether	ND	ug/kg	1.54	0.633	1	10/21/21 00:53	10/21/21 15:18	108-20-3	
Ethylbenzene	**2790**	ug/kg	3.86	1.14	1	10/21/21 00:53	10/21/21 15:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	38.6	9.26	1	10/21/21 00:53	10/21/21 15:18	87-68-3	
2-Hexanone	ND	ug/kg	38.6	5.19	1	10/21/21 00:53	10/21/21 15:18	591-78-6	
Isopropylbenzene (Cumene)	**483**	ug/kg	3.86	0.656	1	10/21/21 00:53	10/21/21 15:18	98-82-8	
p-Isopropyltoluene	**126**	ug/kg	7.72	3.94	1	10/21/21 00:53	10/21/21 15:18	99-87-6	
2-Butanone (MEK)	ND	ug/kg	154	98.0	1	10/21/21 00:53	10/21/21 15:18	78-93-3	
Methylene Chloride	ND	ug/kg	38.6	10.3	1	10/21/21 00:53	10/21/21 15:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	38.6	3.52	1	10/21/21 00:53	10/21/21 15:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1.54	0.540	1	10/21/21 00:53	10/21/21 15:18	1634-04-4	
Naphthalene	**1450**	ug/kg	19.3	7.53	1	10/21/21 00:53	10/21/21 15:18	91-20-3	C3
n-Propylbenzene	**1870**	ug/kg	7.72	1.47	1	10/21/21 00:53	10/21/21 15:18	103-65-1	
Styrene	ND	ug/kg	19.3	0.354	1	10/21/21 00:53	10/21/21 15:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.86	1.46	1	10/21/21 00:53	10/21/21 15:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.86	1.07	1	10/21/21 00:53	10/21/21 15:18	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.86	1.16	1	10/21/21 00:53	10/21/21 15:18	76-13-1	
Tetrachloroethene	ND	ug/kg	3.86	1.38	1	10/21/21 00:53	10/21/21 15:18	127-18-4	
Toluene	**2840**	ug/kg	7.72	2.01	1	10/21/21 00:53	10/21/21 15:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	19.3	11.3	1	10/21/21 00:53	10/21/21 15:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	19.3	6.79	1	10/21/21 00:53	10/21/21 15:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.86	1.42	1	10/21/21 00:53	10/21/21 15:18	71-55-6	L0
1,1,2-Trichloroethane	ND	ug/kg	3.86	0.922	1	10/21/21 00:53	10/21/21 15:18	79-00-5	
Trichloroethene	ND	ug/kg	1.54	0.902	1	10/21/21 00:53	10/21/21 15:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.86	1.28	1	10/21/21 00:53	10/21/21 15:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	19.3	2.50	1	10/21/21 00:53	10/21/21 15:18	96-18-4	
1,2,4-Trimethylbenzene	**6790**	ug/kg	7.72	2.44	1	10/21/21 00:53	10/21/21 15:18	95-63-6	E
1,2,3-Trimethylbenzene	**3130**	ug/kg	7.72	2.44	1	10/21/21 00:53	10/21/21 15:18	526-73-8	E
1,3,5-Trimethylbenzene	**2950**	ug/kg	7.72	3.09	1	10/21/21 00:53	10/21/21 15:18	108-67-8	
Vinyl acetate	ND	ug/kg	19.3	3.92	1	10/21/21 00:53	10/21/21 15:18	108-05-4	R1
Vinyl chloride	ND	ug/kg	3.86	1.79	1	10/21/21 00:53	10/21/21 15:18	75-01-4	
o-Xylene	**4540**	ug/kg	3.86	1.36	1	10/21/21 00:53	10/21/21 15:18	95-47-6	E
m&p-Xylene	**9660**	ug/kg	6.18	2.93	1	10/21/21 00:53	10/21/21 15:18	179601-23-1	E
Xylene (Total)	**14200**	ug/kg	10.0	1.36	1	10/21/21 00:53	10/21/21 15:18	1330-20-7	
Surrogates									
Toluene-d8 (S)	90.1	%	75.0-131		1	10/21/21 00:53	10/21/21 15:18	2037-26-5	
4-Bromofluorobenzene (S)	109	%	67.0-138		1	10/21/21 00:53	10/21/21 15:18	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	10/21/21 00:53	10/21/21 15:18	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**19.4**	%	0.10	0.10	1		10/20/21 12:58		N2

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ANALYTICAL RESULTS

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

Sample: RW-85 (15-17) **Lab ID: 92566639001** Collected: 10/13/21 11:45 Received: 10/13/21 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet								
Total Solids	**80.6**	%			1	10/20/21 13:09	10/20/21 13:23		

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ANALYTICAL RESULTS

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

Sample: RW-85 (40-42) **Lab ID: 92566639002** Collected: 10/13/21 11:50 Received: 10/13/21 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**10800**	mg/kg	85.3	85.3	20	10/21/21 17:48	10/22/21 11:32		N2
Aliphatic (C05-C08)	**5380**	mg/kg	85.3	85.3	20	10/21/21 17:48	10/22/21 11:32		N2
Aliphatic(C09-C12) Adjusted	**3730**	mg/kg	85.3	85.3	20	10/21/21 17:48	10/22/21 11:32		N2
Aromatic (C09-C10)	**1650**	mg/kg	85.3	85.3	20	10/21/21 17:48	10/22/21 11:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	144	%	70-130		20	10/21/21 17:48	10/22/21 11:32	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	100	%	70-130		20	10/21/21 17:48	10/22/21 11:32	460-00-4	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
Acetone	ND	ug/kg	1470	1070	20	10/21/21 00:53	10/21/21 20:27	67-64-1	MH
Benzene	**14100**	ug/kg	29.4	13.7	20	10/21/21 00:53	10/21/21 20:27	71-43-2	
Bromobenzene	ND	ug/kg	368	26.5	20	10/21/21 00:53	10/21/21 20:27	108-86-1	
Bromodichloromethane	ND	ug/kg	73.6	21.3	20	10/21/21 00:53	10/21/21 20:27	75-27-4	L0
Bromoform	ND	ug/kg	736	34.4	20	10/21/21 00:53	10/21/21 20:27	75-25-2	
Bromomethane	ND	ug/kg	368	58.0	20	10/21/21 00:53	10/21/21 20:27	74-83-9	R1
n-Butylbenzene	**23400**	ug/kg	368	154	20	10/21/21 00:53	10/21/21 20:27	104-51-8	P6,R1
sec-Butylbenzene	**8780**	ug/kg	368	84.7	20	10/21/21 00:53	10/21/21 20:27	135-98-8	
tert-Butylbenzene	**83.9J**	ug/kg	147	57.4	20	10/21/21 00:53	10/21/21 20:27	98-06-6	J,R1
Carbon tetrachloride	ND	ug/kg	147	26.5	20	10/21/21 00:53	10/21/21 20:27	56-23-5	R1
Chlorobenzene	ND	ug/kg	73.6	6.18	20	10/21/21 00:53	10/21/21 20:27	108-90-7	
Dibromochloromethane	ND	ug/kg	73.6	17.9	20	10/21/21 00:53	10/21/21 20:27	124-48-1	
Chloroethane	ND	ug/kg	147	50.0	20	10/21/21 00:53	10/21/21 20:27	75-00-3	R1
Chloroform	ND	ug/kg	73.6	30.3	20	10/21/21 00:53	10/21/21 20:27	67-66-3	
Chloromethane	ND	ug/kg	368	128	20	10/21/21 00:53	10/21/21 20:27	74-87-3	R1
2-Chlorotoluene	ND	ug/kg	73.6	25.5	20	10/21/21 00:53	10/21/21 20:27	95-49-8	R1
4-Chlorotoluene	ND	ug/kg	147	13.2	20	10/21/21 00:53	10/21/21 20:27	106-43-4	R1
1,2-Dibromo-3-chloropropane	ND	ug/kg	736	115	20	10/21/21 00:53	10/21/21 20:27	96-12-8	C3
1,2-Dibromoethane (EDB)	ND	ug/kg	73.6	19.1	20	10/21/21 00:53	10/21/21 20:27	106-93-4	
Dibromomethane	ND	ug/kg	147	22.1	20	10/21/21 00:53	10/21/21 20:27	74-95-3	L0
1,2-Dichlorobenzene	ND	ug/kg	147	12.5	20	10/21/21 00:53	10/21/21 20:27	95-50-1	R1
1,3-Dichlorobenzene	ND	ug/kg	147	17.7	20	10/21/21 00:53	10/21/21 20:27	541-73-1	R1
1,4-Dichlorobenzene	ND	ug/kg	147	20.6	20	10/21/21 00:53	10/21/21 20:27	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	73.6	47.4	20	10/21/21 00:53	10/21/21 20:27	75-71-8	R1
1,1-Dichloroethane	ND	ug/kg	73.6	14.4	20	10/21/21 00:53	10/21/21 20:27	75-34-3	R1
1,2-Dichloroethane	ND	ug/kg	73.6	19.1	20	10/21/21 00:53	10/21/21 20:27	107-06-2	
1,1-Dichloroethene	ND	ug/kg	73.6	17.8	20	10/21/21 00:53	10/21/21 20:27	75-35-4	R1
cis-1,2-Dichloroethene	ND	ug/kg	73.6	21.6	20	10/21/21 00:53	10/21/21 20:27	156-59-2	R1
trans-1,2-Dichloroethene	ND	ug/kg	147	30.6	20	10/21/21 00:53	10/21/21 20:27	156-60-5	R1
1,2-Dichloropropane	ND	ug/kg	147	41.8	20	10/21/21 00:53	10/21/21 20:27	78-87-5	MH
1,1-Dichloropropene	ND	ug/kg	73.6	23.8	20	10/21/21 00:53	10/21/21 20:27	563-58-6	R1
1,3-Dichloropropane	ND	ug/kg	147	14.7	20	10/21/21 00:53	10/21/21 20:27	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	73.6	22.2	20	10/21/21 00:53	10/21/21 20:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	147	33.5	20	10/21/21 00:53	10/21/21 20:27	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

Sample: RW-85 (40-42) **Lab ID: 92566639002** Collected: 10/13/21 11:50 Received: 10/13/21 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet								
2,2-Dichloropropane	ND	ug/kg	73.6	40.6	20	10/21/21 00:53	10/21/21 20:27	594-20-7	L0,R1
Diisopropyl ether	**1200**	ug/kg	29.4	12.1	20	10/21/21 00:53	10/21/21 20:27	108-20-3	
Ethylbenzene	**136000**	ug/kg	3680	1080	1000	10/21/21 00:53	10/22/21 17:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	736	177	20	10/21/21 00:53	10/21/21 20:27	87-68-3	R1
2-Hexanone	ND	ug/kg	736	98.9	20	10/21/21 00:53	10/21/21 20:27	591-78-6	
Isopropylbenzene (Cumene)	**19400**	ug/kg	73.6	12.5	20	10/21/21 00:53	10/21/21 20:27	98-82-8	
p-Isopropyltoluene	**4770**	ug/kg	147	75.0	20	10/21/21 00:53	10/21/21 20:27	99-87-6	
2-Butanone (MEK)	ND	ug/kg	2940	1870	20	10/21/21 00:53	10/21/21 20:27	78-93-3	
Methylene Chloride	ND	ug/kg	736	196	20	10/21/21 00:53	10/21/21 20:27	75-09-2	R1
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	736	67.1	20	10/21/21 00:53	10/21/21 20:27	108-10-1	MH
Methyl-tert-butyl ether	**285**	ug/kg	29.4	10.3	20	10/21/21 00:53	10/21/21 20:27	1634-04-4	C5
Naphthalene	**60800**	ug/kg	18400	7180	1000	10/21/21 00:53	10/22/21 17:02	91-20-3	C3
n-Propylbenzene	**69300**	ug/kg	7360	1400	1000	10/21/21 00:53	10/22/21 17:02	103-65-1	
Styrene	ND	ug/kg	368	6.74	20	10/21/21 00:53	10/21/21 20:27	100-42-5	MH,R1
1,1,1,2-Tetrachloroethane	ND	ug/kg	73.6	28.0	20	10/21/21 00:53	10/21/21 20:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	73.6	20.4	20	10/21/21 00:53	10/21/21 20:27	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	73.6	22.2	20	10/21/21 00:53	10/21/21 20:27	76-13-1	R1
Tetrachloroethene	ND	ug/kg	73.6	26.3	20	10/21/21 00:53	10/21/21 20:27	127-18-4	R1
Toluene	**309000**	ug/kg	7360	1910	1000	10/21/21 00:53	10/22/21 17:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	368	216	20	10/21/21 00:53	10/21/21 20:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	368	129	20	10/21/21 00:53	10/21/21 20:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	73.6	27.2	20	10/21/21 00:53	10/21/21 20:27	71-55-6	L0,R1
1,1,2-Trichloroethane	ND	ug/kg	73.6	17.5	20	10/21/21 00:53	10/21/21 20:27	79-00-5	MH
Trichloroethene	ND	ug/kg	29.4	17.2	20	10/21/21 00:53	10/21/21 20:27	79-01-6	R1
Trichlorofluoromethane	ND	ug/kg	73.6	24.3	20	10/21/21 00:53	10/21/21 20:27	75-69-4	R1
1,2,3-Trichloropropane	ND	ug/kg	368	47.7	20	10/21/21 00:53	10/21/21 20:27	96-18-4	R1
1,2,4-Trimethylbenzene	**409000**	ug/kg	7360	2320	1000	10/21/21 00:53	10/22/21 17:02	95-63-6	
1,2,3-Trimethylbenzene	**96700**	ug/kg	7360	2320	1000	10/21/21 00:53	10/22/21 17:02	526-73-8	
1,3,5-Trimethylbenzene	**103000**	ug/kg	7360	2940	1000	10/21/21 00:53	10/22/21 17:02	108-67-8	
Vinyl acetate	ND	ug/kg	368	74.7	20	10/21/21 00:53	10/21/21 20:27	108-05-4	C3
Vinyl chloride	ND	ug/kg	73.6	34.1	20	10/21/21 00:53	10/21/21 20:27	75-01-4	R1
o-Xylene	**224000**	ug/kg	3680	1290	1000	10/21/21 00:53	10/22/21 17:02	95-47-6	
m&p-Xylene	**591000**	ug/kg	5880	2800	1000	10/21/21 00:53	10/22/21 17:02	179601-23-1	
Xylene (Total)	**815000**	ug/kg	9560	1290	1000	10/21/21 00:53	10/22/21 17:02	1330-20-7	
Surrogates									
Toluene-d8 (S)	70.8	%	75.0-131		20	10/21/21 00:53	10/21/21 20:27	2037-26-5	SR
Toluene-d8 (S)	105	%	80.0-120		1000	10/21/21 00:53	10/22/21 17:02	2037-26-5	
4-Bromofluorobenzene (S)	82.9	%	67.0-138		20	10/21/21 00:53	10/21/21 20:27	460-00-4	
4-Bromofluorobenzene (S)	100	%	80.0-120		1000	10/21/21 00:53	10/22/21 17:02	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70.0-130		20	10/21/21 00:53	10/21/21 20:27	17060-07-0	
1,2-Dichloroethane-d4 (S)	108	%	80.0-120		1000	10/21/21 00:53	10/22/21 17:02	17060-07-0	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

Sample: RW-85 (40-42) **Lab ID: 92566639002** Collected: 10/13/21 11:50 Received: 10/13/21 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**18.6**	%	0.10	0.10	1		10/20/21 12:58		N2
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet								
Total Solids	**81.4**	%			1	10/20/21 13:09	10/20/21 13:23		

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QUALITY CONTROL DATA

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

QC Batch: 654415
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92566639001, 92566639002

METHOD BLANK: 3431419 Matrix: Solid
Associated Lab Samples: 92566639001, 92566639002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/21/21 18:33	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/21/21 18:33	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		10/21/21 18:33	
4-Bromofluorobenzene (PID) (S)	%	103	70-130		10/21/21 18:33	

LABORATORY CONTROL SAMPLE & LCSD: 3431420 3431421

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	14.1	14.0	94	94	70-130	1	25	N2
Aromatic (C09-C10)	mg/kg	5	5.2	5.2	105	104	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				107	103	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	101	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

QC Batch: 1761012
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92566639001, 92566639002

METHOD BLANK: R3719815-3 Matrix: Solid
Associated Lab Samples: 92566639001, 92566639002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Acetone	ug/kg	ND	50.0	36.5	10/21/21 10:03	
Benzene	ug/kg	ND	1.00	0.467	10/21/21 10:03	
Bromobenzene	ug/kg	ND	12.5	0.900	10/21/21 10:03	
Bromodichloromethane	ug/kg	ND	2.50	0.725	10/21/21 10:03	
Bromoform	ug/kg	ND	25.0	1.17	10/21/21 10:03	
Bromomethane	ug/kg	ND	12.5	1.97	10/21/21 10:03	
n-Butylbenzene	ug/kg	ND	12.5	5.25	10/21/21 10:03	
sec-Butylbenzene	ug/kg	ND	12.5	2.88	10/21/21 10:03	
tert-Butylbenzene	ug/kg	ND	5.00	1.95	10/21/21 10:03	
Carbon tetrachloride	ug/kg	ND	5.00	0.898	10/21/21 10:03	
Chlorobenzene	ug/kg	ND	2.50	0.210	10/21/21 10:03	
Dibromochloromethane	ug/kg	ND	2.50	0.612	10/21/21 10:03	
Chloroethane	ug/kg	ND	5.00	1.70	10/21/21 10:03	
Chloroform	ug/kg	ND	2.50	1.03	10/21/21 10:03	
Chloromethane	ug/kg	ND	12.5	4.35	10/21/21 10:03	
2-Chlorotoluene	ug/kg	ND	2.50	0.865	10/21/21 10:03	
4-Chlorotoluene	ug/kg	ND	5.00	0.450	10/21/21 10:03	
1,2-Dibromo-3-chloropropane	ug/kg	ND	25.0	3.90	10/21/21 10:03	
1,2-Dibromoethane (EDB)	ug/kg	ND	2.50	0.648	10/21/21 10:03	
Dibromomethane	ug/kg	ND	5.00	0.750	10/21/21 10:03	
1,2-Dichlorobenzene	ug/kg	ND	5.00	0.425	10/21/21 10:03	
1,3-Dichlorobenzene	ug/kg	ND	5.00	0.600	10/21/21 10:03	
1,4-Dichlorobenzene	ug/kg	ND	5.00	0.700	10/21/21 10:03	
Dichlorodifluoromethane	ug/kg	ND	2.50	1.61	10/21/21 10:03	
1,1-Dichloroethane	ug/kg	ND	2.50	0.491	10/21/21 10:03	
1,2-Dichloroethane	ug/kg	ND	2.50	0.649	10/21/21 10:03	
1,1-Dichloroethene	ug/kg	ND	2.50	0.606	10/21/21 10:03	
cis-1,2-Dichloroethene	ug/kg	ND	2.50	0.734	10/21/21 10:03	
trans-1,2-Dichloroethene	ug/kg	ND	5.00	1.04	10/21/21 10:03	
1,2-Dichloropropane	ug/kg	ND	5.00	1.42	10/21/21 10:03	
1,1-Dichloropropene	ug/kg	ND	2.50	0.809	10/21/21 10:03	
1,3-Dichloropropane	ug/kg	ND	5.00	0.501	10/21/21 10:03	
cis-1,3-Dichloropropene	ug/kg	ND	2.50	0.757	10/21/21 10:03	
trans-1,3-Dichloropropene	ug/kg	ND	5.00	1.14	10/21/21 10:03	
2,2-Dichloropropane	ug/kg	ND	2.50	1.38	10/21/21 10:03	
Diisopropyl ether	ug/kg	ND	1.00	0.410	10/21/21 10:03	
Ethylbenzene	ug/kg	ND	2.50	0.737	10/21/21 10:03	
Hexachloro-1,3-butadiene	ug/kg	ND	25.0	6.00	10/21/21 10:03	
2-Hexanone	ug/kg	ND	25.0	3.36	10/21/21 10:03	
Isopropylbenzene (Cumene)	ug/kg	ND	2.50	0.425	10/21/21 10:03	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

METHOD BLANK: R3719815-3 Matrix: Solid
Associated Lab Samples: 92566639001, 92566639002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
p-Isopropyltoluene	ug/kg	ND	5.00	2.55	10/21/21 10:03	
2-Butanone (MEK)	ug/kg	ND	100	63.5	10/21/21 10:03	
Methylene Chloride	ug/kg	ND	25.0	6.64	10/21/21 10:03	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	2.28	10/21/21 10:03	
Methyl-tert-butyl ether	ug/kg	ND	1.00	0.350	10/21/21 10:03	
Naphthalene	ug/kg	ND	12.5	4.88	10/21/21 10:03	
n-Propylbenzene	ug/kg	ND	5.00	0.950	10/21/21 10:03	
Styrene	ug/kg	ND	12.5	0.229	10/21/21 10:03	
1,1,1,2-Tetrachloroethane	ug/kg	ND	2.50	0.948	10/21/21 10:03	
1,1,2,2-Tetrachloroethane	ug/kg	ND	2.50	0.695	10/21/21 10:03	
Tetrachloroethene	ug/kg	ND	2.50	0.896	10/21/21 10:03	
Toluene	ug/kg	ND	5.00	1.30	10/21/21 10:03	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	2.50	0.754	10/21/21 10:03	
1,2,3-Trichlorobenzene	ug/kg	ND	12.5	7.33	10/21/21 10:03	
1,2,4-Trichlorobenzene	ug/kg	ND	12.5	4.40	10/21/21 10:03	
1,1,1-Trichloroethane	ug/kg	ND	2.50	0.923	10/21/21 10:03	
1,1,2-Trichloroethane	ug/kg	ND	2.50	0.597	10/21/21 10:03	
Trichloroethene	ug/kg	ND	1.00	0.584	10/21/21 10:03	
Trichlorofluoromethane	ug/kg	ND	2.50	0.827	10/21/21 10:03	
1,2,3-Trichloropropane	ug/kg	ND	12.5	1.62	10/21/21 10:03	
1,2,3-Trimethylbenzene	ug/kg	ND	5.00	1.58	10/21/21 10:03	
1,2,4-Trimethylbenzene	ug/kg	ND	5.00	1.58	10/21/21 10:03	
1,3,5-Trimethylbenzene	ug/kg	ND	5.00	2.00	10/21/21 10:03	
Vinyl acetate	ug/kg	ND	12.5	2.54	10/21/21 10:03	
Vinyl chloride	ug/kg	ND	2.50	1.16	10/21/21 10:03	
Xylene (Total)	ug/kg	ND	6.50	0.880	10/21/21 10:03	
o-Xylene	ug/kg	ND	2.50	0.880	10/21/21 10:03	
m&p-Xylene	ug/kg	ND	4.00	1.90	10/21/21 10:03	
Toluene-d8 (S)	%	98.6	75.0-131		10/21/21 10:03	
4-Bromofluorobenzene (S)	%	94.8	67.0-138		10/21/21 10:03	
1,2-Dichloroethane-d4 (S)	%	113	70.0-130		10/21/21 10:03	

LABORATORY CONTROL SAMPLE & LCSD: R3719815-1 R3719815-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Acetone	ug/kg	625	838	886	134	142	10.0-160	5.57	31	
Benzene	ug/kg	125	144	147	115	118	70.0-123	2.06	20	
Bromobenzene	ug/kg	125	105	115	84.0	92.0	73.0-121	9.09	20	
Bromodichloromethane	ug/kg	125	142	154	114	123	73.0-121	8.11	20	L0
Bromoform	ug/kg	125	113	131	90.4	105	64.0-132	14.8	20	
Bromomethane	ug/kg	125	155	166	124	133	56.0-147	6.85	20	
n-Butylbenzene	ug/kg	125	109	126	87.2	101	68.0-135	14.5	20	
sec-Butylbenzene	ug/kg	125	113	118	90.4	94.4	74.0-130	4.33	20	
tert-Butylbenzene	ug/kg	125	102	112	81.6	89.6	75.0-127	9.35	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

LABORATORY CONTROL SAMPLE & LCSD: R3719815-1 R3719815-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	125	130	146	104	117	66.0-128	11.6	20	
Chlorobenzene	ug/kg	125	119	134	95.2	107	76.0-128	11.9	20	
Dibromochloromethane	ug/kg	125	118	137	94.4	110	74.0-127	14.9	20	
Chloroethane	ug/kg	125	142	147	114	118	61.0-134	3.46	20	
Chloroform	ug/kg	125	142	152	114	122	72.0-123	6.80	20	
Chloromethane	ug/kg	125	125	125	100	100	51.0-138	0.00	20	
2-Chlorotoluene	ug/kg	125	108	108	86.4	86.4	75.0-124	0.00	20	
4-Chlorotoluene	ug/kg	125	114	118	91.2	94.4	75.0-124	3.45	20	
1,2-Dibromo-3-chloropropane	ug/kg	125	96.3	101	77.0	80.8	59.0-130	4.76	20	
1,2-Dibromoethane (EDB)	ug/kg	125	112	123	89.6	98.4	74.0-128	9.36	20	
Dibromomethane	ug/kg	125	157	164	126	131	75.0-122	4.36	20	L0
1,2-Dichlorobenzene	ug/kg	125	121	131	96.8	105	76.0-124	7.94	20	
1,3-Dichlorobenzene	ug/kg	125	118	124	94.4	99.2	76.0-125	4.96	20	
1,4-Dichlorobenzene	ug/kg	125	112	121	89.6	96.8	77.0-121	7.73	20	
Dichlorodifluoromethane	ug/kg	125	121	132	96.8	106	43.0-156	8.70	20	
1,1-Dichloroethane	ug/kg	125	130	132	104	106	70.0-127	1.53	20	
1,2-Dichloroethane	ug/kg	125	136	137	109	110	65.0-131	0.733	20	
1,1-Dichloroethene	ug/kg	125	127	123	102	98.4	65.0-131	3.20	20	
cis-1,2-Dichloroethene	ug/kg	125	133	139	106	111	73.0-125	4.41	20	
trans-1,2-Dichloroethene	ug/kg	125	134	130	107	104	71.0-125	3.03	20	
1,2-Dichloropropane	ug/kg	125	139	144	111	115	74.0-125	3.53	20	
1,1-Dichloropropene	ug/kg	125	121	128	96.8	102	73.0-125	5.62	20	
1,3-Dichloropropane	ug/kg	125	118	129	94.4	103	80.0-125	8.91	20	
cis-1,3-Dichloropropene	ug/kg	125	132	145	106	116	76.0-127	9.39	20	
trans-1,3-Dichloropropene	ug/kg	125	120	139	96.0	111	73.0-127	14.7	20	
2,2-Dichloropropane	ug/kg	125	140	170	112	136	59.0-135	19.4	20	L0
Diisopropyl ether	ug/kg	125	131	140	105	112	60.0-136	6.64	20	
Ethylbenzene	ug/kg	125	121	128	96.8	102	74.0-126	5.62	20	
Hexachloro-1,3-butadiene	ug/kg	125	116	125	92.8	100	57.0-150	7.47	20	
2-Hexanone	ug/kg	625	542	636	86.7	102	54.0-147	16.0	20	
Isopropylbenzene (Cumene)	ug/kg	125	118	131	94.4	105	72.0-127	10.4	20	
p-Isopropyltoluene	ug/kg	125	105	117	84.0	93.6	72.0-133	10.8	20	
2-Butanone (MEK)	ug/kg	625	627	701	100	112	30.0-160	11.1	24	
Methylene Chloride	ug/kg	125	131	135	105	108	68.0-123	3.01	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	625	572	685	91.5	110	56.0-143	18.0	20	
Methyl-tert-butyl ether	ug/kg	125	131	141	105	113	66.0-132	7.35	20	
Naphthalene	ug/kg	125	96.3	111	77.0	88.8	59.0-130	14.2	20	
n-Propylbenzene	ug/kg	125	108	114	86.4	91.2	74.0-126	5.41	20	
Styrene	ug/kg	125	114	126	91.2	101	72.0-127	10.0	20	
1,1,1,2-Tetrachloroethane	ug/kg	125	136	158	109	126	74.0-129	15.0	20	
1,1,2,2-Tetrachloroethane	ug/kg	125	108	117	86.4	93.6	68.0-128	8.00	20	
Tetrachloroethene	ug/kg	125	123	134	98.4	107	70.0-136	8.56	20	
Toluene	ug/kg	125	132	132	106	106	75.0-121	0.00	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	125	126	144	101	115	61.0-139	13.3	20	
1,2,3-Trichlorobenzene	ug/kg	125	114	132	91.2	106	59.0-139	14.6	20	
1,2,4-Trichlorobenzene	ug/kg	125	141	159	113	127	62.0-137	12.0	20	
1,1,1-Trichloroethane	ug/kg	125	151	159	121	127	69.0-126	5.16	20	L0

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

LABORATORY CONTROL SAMPLE & LCSD: R3719815-1 R3719815-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,2-Trichloroethane	ug/kg	125	137	147	110	118	78.0-123	7.04	20	
Trichloroethene	ug/kg	125	139	142	111	114	76.0-126	2.14	20	
Trichlorofluoromethane	ug/kg	125	137	160	110	128	61.0-142	15.5	20	
1,2,3-Trichloropropane	ug/kg	125	104	108	83.2	86.4	67.0-129	3.77	20	
1,2,3-Trimethylbenzene	ug/kg	125	111	118	88.8	94.4	74.0-124	6.11	20	
1,2,4-Trimethylbenzene	ug/kg	125	112	118	89.6	94.4	70.0-126	5.22	20	
1,3,5-Trimethylbenzene	ug/kg	125	111	113	88.8	90.4	73.0-127	1.79	20	
Vinyl acetate	ug/kg	625	519	728	83.0	116	43.0-159	33.5	20	R1
Vinyl chloride	ug/kg	125	137	143	110	114	63.0-134	4.29	20	
Xylene (Total)	ug/kg	375	359	395	95.7	105	72.0-127	9.55	20	
o-Xylene	ug/kg	125	116	132	92.8	106	79.0-124	12.9	20	
m&p-Xylene	ug/kg	250	243	263	97.2	105	76.0-126	7.91	20	
Toluene-d8 (S)	%				101	100	75.0-131			
4-Bromofluorobenzene (S)	%				97.4	104	67.0-138			
1,2-Dichloroethane-d4 (S)	%				108	111	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3719815-4 R3719815-5

Parameter	Units	92566639002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/kg	ND	17500	17500	93900	87100	536	497	10.0-160	7.48	40	E,MH
Benzene	ug/kg	14100	3500	3500	14900	17400	22.7	94.1	10.0-149	15.5	37	
Bromobenzene	ug/kg	ND	3500	3500	2470	3520	70.6	100	10.0-156	34.9	38	
Bromodichloromethane	ug/kg	ND	3500	3500	2820	3810	80.7	109	10.0-143	29.7	37	
Bromoform	ug/kg	ND	3500	3500	2780	2810	79.4	80.3	10.0-146	1.05	36	
Bromomethane	ug/kg	ND	3500	3500	2040	3550	58.4	101	10.0-149	53.7	38	R1
n-Butylbenzene	ug/kg	23400	3500	3500	53400	22400	857	0.00	10.0-160	81.9	40	P6,R1
sec-Butylbenzene	ug/kg	8780	3500	3500	10000	11400	34.9	73.5	10.0-159	12.7	39	
tert-Butylbenzene	ug/kg	83.9	3500	3500	1970	3600	53.9	101	10.0-156	58.6	39	R1
Carbon tetrachloride	ug/kg	ND	3500	3500	1530	3870	43.7	111	10.0-145	86.6	37	R1
Chlorobenzene	ug/kg	ND	3500	3500	2270	3190	64.7	91.2	10.0-152	34.0	39	
Dibromochloromethane	ug/kg	ND	3500	3500	2470	2880	70.6	82.4	10.0-146	15.4	37	
Chloroethane	ug/kg	ND	3500	3500	1690	3070	48.3	87.8	10.0-146	58.0	40	R1
Chloroform	ug/kg	ND	3500	3500	4190	5020	120	143	10.0-146	17.9	37	
Chloromethane	ug/kg	ND	3500	3500	1470	2620	42.0	74.8	10.0-159	56.2	37	R1
2-Chlorotoluene	ug/kg	ND	3500	3500	2370	3970	67.6	113	10.0-159	50.6	38	R1
4-Chlorotoluene	ug/kg	ND	3500	3500	2300	3780	65.5	108	10.0-155	48.9	39	R1
1,2-Dibromo-3-chloropropane	ug/kg	ND	3500	3500	2690	2380	76.9	68.1	10.0-151	12.2	39	
1,2-Dibromoethane (EDB)	ug/kg	ND	3500	3500	2520	2560	71.8	73.1	10.0-148	1.74	34	
Dibromomethane	ug/kg	ND	3500	3500	3560	3850	102	110	10.0-147	7.94	35	
1,2-Dichlorobenzene	ug/kg	ND	3500	3500	2650	3850	75.6	110	10.0-155	37.1	37	R1
1,3-Dichlorobenzene	ug/kg	ND	3500	3500	2280	3440	65.1	98.3	10.0-153	40.6	38	R1
1,4-Dichlorobenzene	ug/kg	ND	3500	3500	2350	3300	67.2	94.1	10.0-151	33.3	38	
Dichlorodifluoromethane	ug/kg	ND	3500	3500	1300	3250	37.1	92.9	10.0-160	85.8	35	R1

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QUALITY CONTROL DATA

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3719815-4 R3719815-5

Parameter	Units	92566639002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethane	ug/kg	ND	3500	3500	1560	2770	44.5	79.0	10.0-147	55.8	37	R1
1,2-Dichloroethane	ug/kg	ND	3500	3500	2590	3050	73.9	87.0	10.0-148	16.2	35	
1,1-Dichloroethene	ug/kg	ND	3500	3500	1320	3150	37.7	89.9	10.0-155	81.8	37	R1
cis-1,2-Dichloroethene	ug/kg	ND	3500	3500	2160	3740	61.8	107	10.0-149	53.4	37	R1
trans-1,2-Dichloroethene	ug/kg	ND	3500	3500	1570	3150	45.0	89.9	10.0-150	66.7	37	R1
1,2-Dichloropropane	ug/kg	ND	3500	3500	4300	5240	123	150	10.0-148	19.8	37	MH
1,1-Dichloropropene	ug/kg	ND	3500	3500	1600	3570	45.8	102	10.0-153	76.1	35	R1
1,3-Dichloropropane	ug/kg	ND	3500	3500	2500	2690	71.4	76.9	10.0-154	7.37	35	
cis-1,3-Dichloropropene	ug/kg	ND	3500	3500	2600	3320	74.4	95.0	10.0-151	24.3	37	
trans-1,3-Dichloropropene	ug/kg	ND	3500	3500	2280	2660	65.1	76.1	10.0-148	15.5	37	
2,2-Dichloropropane	ug/kg	ND	3500	3500	1400	4600	40.0	132	10.0-138	107	36	R1
Diisopropyl ether	ug/kg	1200	3500	3500	4100	4270	83.0	87.6	10.0-147	3.87	36	
Ethylbenzene	ug/kg	178000	3500	3500	163000	162000	0.00	0.00	10.0-160	0.905	38	E,P6
2-Hexanone	ug/kg	ND	17500	17500	17100	14000	97.5	80.1	10.0-160	19.6	36	
Hexachloro-1,3-butadiene	ug/kg	ND	3500	3500	2590	4330	73.9	124	10.0-160	50.2	40	R1
Isopropylbenzene (Cumene)	ug/kg	19400	3500	3500	20300	21900	25.2	71.4	10.0-155	7.67	38	
p-Isopropyltoluene	ug/kg	4770	3500	3500	6780	7940	57.6	90.8	10.0-160	15.8	40	
2-Butanone (MEK)	ug/kg	ND	17500	17500	14900	13100	84.9	75.0	10.0-160	12.3	40	
Methylene Chloride	ug/kg	ND	3500	3500	1660	3070	47.5	87.8	10.0-141	59.6	37	R1
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	17500	17500	29600	27400	169	156	10.0-160	7.75	35	MH
Methyl-tert-butyl ether	ug/kg	285	3500	3500	3340	3470	87.2	91.0	11.0-147	3.89	35	
Naphthalene	ug/kg	52700	3500	3500	53800	56300	33.6	105	10.0-160	4.54	36	E
n-Propylbenzene	ug/kg	75900	3500	3500	74700	80500	0.00	130	10.0-158	7.39	38	E,P6
Styrene	ug/kg	ND	3500	3500	2040	8750	58.4	250	10.0-160	124	40	MH,R1
1,1,1,2-Tetrachloroethane	ug/kg	ND	3500	3500	2270	3090	64.7	88.2	10.0-149	30.8	39	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3500	3500	4440	4880	127	139	10.0-160	9.46	35	
Tetrachloroethene	ug/kg	ND	3500	3500	1360	2960	38.7	84.5	10.0-156	74.2	39	R1
Toluene	ug/kg	128000	3500	3500	129000	130000	42.0	50.4	10.0-156	0.227	38	E
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3500	3500	1360	3530	38.8	101	10.0-160	88.9	36	R1
1,2,3-Trichlorobenzene	ug/kg	ND	3500	3500	2520	3590	71.8	103	10.0-160	35.2	40	
1,2,4-Trichlorobenzene	ug/kg	ND	3500	3500	3060	4270	87.4	122	10.0-160	32.9	40	
1,1,1-Trichloroethane	ug/kg	ND	3500	3500	1770	3870	50.4	111	10.0-144	74.7	35	R1
1,1,2-Trichloroethane	ug/kg	ND	3500	3500	8000	7690	229	220	10.0-160	3.94	35	MH
Trichloroethene	ug/kg	ND	3500	3500	1750	3570	50.0	102	10.0-156	68.5	38	R1
Trichlorofluoromethane	ug/kg	ND	3500	3500	1650	3880	47.1	111	10.0-160	80.9	40	R1
1,2,3-Trichloropropane	ug/kg	ND	3500	3500	3570	2250	102	64.3	10.0-156	45.5	35	R1
1,2,3-Trimethylbenzene	ug/kg	135000	3500	3500	126000	134000	0.00	0.00	10.0-160	6.10	36	E,P6
1,2,4-Trimethylbenzene	ug/kg	177000	3500	3500	177000	187000	0.00	294	10.0-160	5.67	36	E,P6
1,3,5-Trimethylbenzene	ug/kg	113000	3500	3500	111000	118000	0.00	147	10.0-160	6.68	38	E,P6
Vinyl acetate	ug/kg	ND	17500	17500	9800	12300	56.0	70.3	10.0-128	22.8	40	
o-Xylene	ug/kg	219000	3500	3500	221000	213000	42.0	0.00	10.0-156	3.39	40	E,P6
Vinyl chloride	ug/kg	ND	3500	3500	1300	2970	37.3	84.9	10.0-160	77.9	37	R1
m&p-Xylene	ug/kg	278000	6990	6990	134000	131000	0.00	0.00	10.0-156	2.22	40	P6

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QUALITY CONTROL DATA

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3719815-4 R3719815-5

Parameter	Units	92566639002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Xylene (Total)	ug/kg	497000	10500	10500	355000	344000	0.00	0.00	10.0-160	2.95	38	P6
Toluene-d8 (S)	%						77.4	77.4	75.0-131			
4-Bromofluorobenzene (S)	%						97.8	69.1	67.0-138			
1,2-Dichloroethane-d4 (S)	%						111	117	70.0-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

QC Batch: 1761607
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92566639002

METHOD BLANK: R3720397-2 Matrix: Solid
Associated Lab Samples: 92566639002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/kg	ND	2.50	0.737	10/22/21 10:30	
Naphthalene	ug/kg	ND	12.5	4.88	10/22/21 10:30	
n-Propylbenzene	ug/kg	ND	5.00	0.950	10/22/21 10:30	
Toluene	ug/kg	ND	5.00	1.30	10/22/21 10:30	
1,2,3-Trimethylbenzene	ug/kg	ND	5.00	1.58	10/22/21 10:30	
1,2,4-Trimethylbenzene	ug/kg	ND	5.00	1.58	10/22/21 10:30	
1,3,5-Trimethylbenzene	ug/kg	ND	5.00	2.00	10/22/21 10:30	
Xylene (Total)	ug/kg	ND	6.50	0.880	10/22/21 10:30	
o-Xylene	ug/kg	ND	2.50	0.880	10/22/21 10:30	
m&p-Xylene	ug/kg	ND	4.00	1.90	10/22/21 10:30	
Toluene-d8 (S)	%	109	75.0-131		10/22/21 10:30	
4-Bromofluorobenzene (S)	%	96.5	67.0-138		10/22/21 10:30	
1,2-Dichloroethane-d4 (S)	%	105	70.0-130		10/22/21 10:30	

LABORATORY CONTROL SAMPLE: R3720397-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	125	117	93.6	74.0-126	
Naphthalene	ug/kg	125	91.6	73.3	59.0-130	
n-Propylbenzene	ug/kg	125	135	108	74.0-126	
Toluene	ug/kg	125	126	101	75.0-121	
1,2,3-Trimethylbenzene	ug/kg	125	119	95.2	74.0-124	
1,2,4-Trimethylbenzene	ug/kg	125	127	102	70.0-126	
1,3,5-Trimethylbenzene	ug/kg	125	123	98.4	73.0-127	
Xylene (Total)	ug/kg	375	369	98.4	72.0-127	
o-Xylene	ug/kg	125	116	92.8	79.0-124	
m&p-Xylene	ug/kg	250	253	101	76.0-126	
Toluene-d8 (S)	%			105	75.0-131	
4-Bromofluorobenzene (S)	%			97.5	67.0-138	
1,2-Dichloroethane-d4 (S)	%			111	70.0-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

QC Batch: 1760043
QC Batch Method: SM 2540 G
Analysis Method: SM 2540G
Analysis Description: Total Solids 2540 G-2011
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92566639001, 92566639002

METHOD BLANK: R3719417-1 Matrix: Solid
Associated Lab Samples: 92566639001, 92566639002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Solids	%	ND			10/20/21 13:23	

LABORATORY CONTROL SAMPLE: R3719417-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	100	85.0-115	

SAMPLE DUPLICATE: R3719417-3

Parameter	Units	L1418601-01 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Solids	%	80.1	80.0	0.105	10	

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QUALIFIERS

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 92566639001

[1]	Volatile Organic Compounds (GC/MS) by Method 8260D - No sample remains for further analysis.

ANALYTE QUALIFIERS

C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
J	Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
MH	Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

ANALYTE QUALIFIERS

S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
SR	Surrogate recovery was below laboratory control limits. Results may be biased low.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 CPC Huntersville
Pace Project No.: 92566639

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92566639001	**RW-85 (15-17)**	MADEP VPH	654415	MADEP VPH	654532
92566639002	**RW-85 (40-42)**	MADEP VPH	654415	MADEP VPH	654532
92566639001	**RW-85 (15-17)**	5035A	1761012	EPA 8260D	1761012
92566639002	**RW-85 (40-42)**	5035A	1761012	EPA 8260D	1761012
92566639002	**RW-85 (40-42)**	5035A	1761607	EPA 8260D	1761607
92566639001	**RW-85 (15-17)**	SW-846			
92566639002	**RW-85 (40-42)**	SW-846			
92566639001	**RW-85 (15-17)**	SM 2540 G	1760043	SM 2540G	1760043
92566639002	**RW-85 (40-42)**	SM 2540 G	1760043	SM 2540G	1760043

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB US

WO# : 92566639

92566639

lumber or

Company: APEX COMPANIES, LLC

Address: 5900 NORTHWOODS BUSINESS PKWY

Report To: ANDREW STREET BM NAUMANN

Copy To:

Billing Information:

Email To:

Site Collection Info/Address:

Customer Project Name/Number: CPC HUNTERSVILLE / CPCC1018

State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [X] No

Collected By (print): CHRIS REEVES

Purchase Order #:
Quote #: 2020-L1-2248

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required:

Immediately Packed on Ice: [X] Yes [ ] No

Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Contain: 6 6

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	MADEP VPH	VOCs BY 8260D	Lab Sample # / Comments
RW-85 (15-17)	SOIL	GRAB	10.13.21	1145	—	—	—	3	X	X	92566639 Cel
RW-85 (40-42)	SOIL	GRAB	10.13.21	1150	—	—	—	3	X	X	002

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

B 10/13/21

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: None

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546879

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 1.4 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 1.4 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
CHRIS REEVES / APEX	10.13.21/1632	[signature] / APEX	10-13-21/1632
[signature] / APEX	10-13-2021/1645	Pace [signature]	10-13-21 16:45

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # 92516639

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																						3							
2																						3							
3																													
4																													
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8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 20, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 14, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

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CERTIFICATIONS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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SAMPLE SUMMARY

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92567147001	**RW-86 (16-18)**	Solid	10/14/21 15:50	10/14/21 17:58
92567147002	**RW-86 (34-36)**	Solid	10/14/21 15:55	10/14/21 17:58

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92567147001	**RW-86 (16-18)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92567147002	**RW-86 (34-36)**	MADEP VPH	LMB, MAD	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

Sample: RW-86 (16-18) **Lab ID: 92567147001** Collected: 10/14/21 15:50 Received: 10/14/21 17:58 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**8840**	mg/kg	73.2	73.2	20	10/19/21 13:34	10/19/21 15:58		N2
Aliphatic (C05-C08)	**4870**	mg/kg	73.2	73.2	20	10/19/21 13:34	10/19/21 15:58		N2
Aliphatic(C09-C12) Adjusted	**2900**	mg/kg	73.2	73.2	20	10/19/21 13:34	10/19/21 15:58		N2
Aromatic (C09-C10)	**1070**	mg/kg	73.2	73.2	20	10/19/21 13:34	10/19/21 15:58		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	142	%	70-130		20	10/19/21 13:34	10/19/21 15:58	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	101	%	70-130		20	10/19/21 13:34	10/19/21 15:58	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	16200	5210	100	10/18/21 15:07	10/18/21 17:56	67-64-1	
Benzene	**21000**	ug/kg	811	323	100	10/18/21 15:07	10/18/21 17:56	71-43-2	
Bromobenzene	ND	ug/kg	811	264	100	10/18/21 15:07	10/18/21 17:56	108-86-1	
Bromochloromethane	ND	ug/kg	811	240	100	10/18/21 15:07	10/18/21 17:56	74-97-5	
Bromodichloromethane	ND	ug/kg	811	313	100	10/18/21 15:07	10/18/21 17:56	75-27-4	
Bromoform	ND	ug/kg	811	285	100	10/18/21 15:07	10/18/21 17:56	75-25-2	
Bromomethane	ND	ug/kg	1620	1280	100	10/18/21 15:07	10/18/21 17:56	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	16200	3890	100	10/18/21 15:07	10/18/21 17:56	78-93-3	
n-Butylbenzene	**19100**	ug/kg	811	383	100	10/18/21 15:07	10/18/21 17:56	104-51-8	
sec-Butylbenzene	ND	ug/kg	811	357	100	10/18/21 15:07	10/18/21 17:56	135-98-8	
tert-Butylbenzene	ND	ug/kg	811	289	100	10/18/21 15:07	10/18/21 17:56	98-06-6	
Carbon tetrachloride	ND	ug/kg	811	303	100	10/18/21 15:07	10/18/21 17:56	56-23-5	
Chlorobenzene	ND	ug/kg	811	156	100	10/18/21 15:07	10/18/21 17:56	108-90-7	
Chloroethane	ND	ug/kg	1620	626	100	10/18/21 15:07	10/18/21 17:56	75-00-3	
Chloroform	ND	ug/kg	811	493	100	10/18/21 15:07	10/18/21 17:56	67-66-3	
Chloromethane	ND	ug/kg	1620	681	100	10/18/21 15:07	10/18/21 17:56	74-87-3	
2-Chlorotoluene	ND	ug/kg	811	287	100	10/18/21 15:07	10/18/21 17:56	95-49-8	
4-Chlorotoluene	ND	ug/kg	811	144	100	10/18/21 15:07	10/18/21 17:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	811	315	100	10/18/21 15:07	10/18/21 17:56	96-12-8	
Dibromochloromethane	ND	ug/kg	811	456	100	10/18/21 15:07	10/18/21 17:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	811	357	100	10/18/21 15:07	10/18/21 17:56	106-93-4	
Dibromomethane	ND	ug/kg	811	174	100	10/18/21 15:07	10/18/21 17:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	811	292	100	10/18/21 15:07	10/18/21 17:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	811	251	100	10/18/21 15:07	10/18/21 17:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	811	211	100	10/18/21 15:07	10/18/21 17:56	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	1620	352	100	10/18/21 15:07	10/18/21 17:56	75-71-8	
1,1-Dichloroethane	ND	ug/kg	811	334	100	10/18/21 15:07	10/18/21 17:56	75-34-3	
1,2-Dichloroethane	ND	ug/kg	811	537	100	10/18/21 15:07	10/18/21 17:56	107-06-2	
1,1-Dichloroethene	ND	ug/kg	811	334	100	10/18/21 15:07	10/18/21 17:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	811	277	100	10/18/21 15:07	10/18/21 17:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	811	284	100	10/18/21 15:07	10/18/21 17:56	156-60-5	
1,2-Dichloropropane	ND	ug/kg	811	243	100	10/18/21 15:07	10/18/21 17:56	78-87-5	
1,3-Dichloropropane	ND	ug/kg	811	253	100	10/18/21 15:07	10/18/21 17:56	142-28-9	
2,2-Dichloropropane	ND	ug/kg	811	264	100	10/18/21 15:07	10/18/21 17:56	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

Sample: RW-86 (16-18) **Lab ID: 92567147001** Collected: 10/14/21 15:50 Received: 10/14/21 17:58 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	811	389	100	10/18/21 15:07	10/18/21 17:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	811	221	100	10/18/21 15:07	10/18/21 17:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	811	279	100	10/18/21 15:07	10/18/21 17:56	10061-02-6	
Diisopropyl ether	**1580**	ug/kg	811	219	100	10/18/21 15:07	10/18/21 17:56	108-20-3	
Ethylbenzene	**169000**	ug/kg	811	378	100	10/18/21 15:07	10/18/21 17:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	1620	1330	100	10/18/21 15:07	10/18/21 17:56	87-68-3	
2-Hexanone	ND	ug/kg	8110	782	100	10/18/21 15:07	10/18/21 17:56	591-78-6	
Isopropylbenzene (Cumene)	**16400**	ug/kg	811	276	100	10/18/21 15:07	10/18/21 17:56	98-82-8	
p-Isopropyltoluene	**15800**	ug/kg	811	399	100	10/18/21 15:07	10/18/21 17:56	99-87-6	
Methylene Chloride	ND	ug/kg	3240	2220	100	10/18/21 15:07	10/18/21 17:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	**9170**	ug/kg	8110	782	100	10/18/21 15:07	10/18/21 17:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	811	303	100	10/18/21 15:07	10/18/21 17:56	1634-04-4	
Naphthalene	**37300**	ug/kg	811	427	100	10/18/21 15:07	10/18/21 17:56	91-20-3	
n-Propylbenzene	**60000**	ug/kg	811	289	100	10/18/21 15:07	10/18/21 17:56	103-65-1	
Styrene	ND	ug/kg	811	214	100	10/18/21 15:07	10/18/21 17:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	811	311	100	10/18/21 15:07	10/18/21 17:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	811	214	100	10/18/21 15:07	10/18/21 17:56	79-34-5	
Tetrachloroethene	ND	ug/kg	811	256	100	10/18/21 15:07	10/18/21 17:56	127-18-4	
Toluene	**445000**	ug/kg	811	230	100	10/18/21 15:07	10/18/21 17:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	811	655	100	10/18/21 15:07	10/18/21 17:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	811	681	100	10/18/21 15:07	10/18/21 17:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	811	422	100	10/18/21 15:07	10/18/21 17:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	811	269	100	10/18/21 15:07	10/18/21 17:56	79-00-5	
Trichloroethene	ND	ug/kg	811	209	100	10/18/21 15:07	10/18/21 17:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	811	446	100	10/18/21 15:07	10/18/21 17:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	811	410	100	10/18/21 15:07	10/18/21 17:56	96-18-4	
1,2,4-Trimethylbenzene	**342000**	ug/kg	811	222	100	10/18/21 15:07	10/18/21 17:56	95-63-6	
1,3,5-Trimethylbenzene	**88800**	ug/kg	811	272	100	10/18/21 15:07	10/18/21 17:56	108-67-8	
Vinyl acetate	ND	ug/kg	8110	590	100	10/18/21 15:07	10/18/21 17:56	108-05-4	
Vinyl chloride	ND	ug/kg	1620	412	100	10/18/21 15:07	10/18/21 17:56	75-01-4	
Xylene (Total)	**982000**	ug/kg	1620	462	100	10/18/21 15:07	10/18/21 17:56	1330-20-7	
m&p-Xylene	**699000**	ug/kg	1620	555	100	10/18/21 15:07	10/18/21 17:56	179601-23-1	
o-Xylene	**284000**	ug/kg	811	358	100	10/18/21 15:07	10/18/21 17:56	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		100	10/18/21 15:07	10/18/21 17:56	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		100	10/18/21 15:07	10/18/21 17:56	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		100	10/18/21 15:07	10/18/21 17:56	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**20.9**	%	0.10	0.10	1		10/18/21 16:54		N2

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

Sample: RW-86 (34-36) **Lab ID: 92567147002** Collected: 10/14/21 15:55 Received: 10/14/21 17:58 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**19.3**	mg/kg	3.5	3.5	1	10/18/21 18:10	10/18/21 19:21		N2
Aliphatic (C05-C08)	**13.7**	mg/kg	3.5	3.5	1	10/18/21 18:10	10/18/21 19:21		N2
Aliphatic(C09-C12) Adjusted	**5.6**	mg/kg	3.5	3.5	1	10/18/21 18:10	10/18/21 19:21		N2
Aromatic (C09-C10)	ND	mg/kg	3.5	3.5	1	10/18/21 18:10	10/18/21 19:21		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1	10/18/21 18:10	10/18/21 19:21	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1	10/18/21 18:10	10/18/21 19:21	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	144	46.2	1	10/18/21 15:07	10/18/21 15:47	67-64-1	
Benzene	**624**	ug/kg	7.2	2.9	1	10/18/21 15:07	10/18/21 15:47	71-43-2	
Bromobenzene	ND	ug/kg	7.2	2.3	1	10/18/21 15:07	10/18/21 15:47	108-86-1	
Bromochloromethane	ND	ug/kg	7.2	2.1	1	10/18/21 15:07	10/18/21 15:47	74-97-5	
Bromodichloromethane	ND	ug/kg	7.2	2.8	1	10/18/21 15:07	10/18/21 15:47	75-27-4	
Bromoform	ND	ug/kg	7.2	2.5	1	10/18/21 15:07	10/18/21 15:47	75-25-2	
Bromomethane	ND	ug/kg	14.4	11.4	1	10/18/21 15:07	10/18/21 15:47	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	144	34.6	1	10/18/21 15:07	10/18/21 15:47	78-93-3	
n-Butylbenzene	ND	ug/kg	7.2	3.4	1	10/18/21 15:07	10/18/21 15:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.2	3.2	1	10/18/21 15:07	10/18/21 15:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.2	2.6	1	10/18/21 15:07	10/18/21 15:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.2	2.7	1	10/18/21 15:07	10/18/21 15:47	56-23-5	
Chlorobenzene	ND	ug/kg	7.2	1.4	1	10/18/21 15:07	10/18/21 15:47	108-90-7	
Chloroethane	ND	ug/kg	14.4	5.6	1	10/18/21 15:07	10/18/21 15:47	75-00-3	
Chloroform	ND	ug/kg	7.2	4.4	1	10/18/21 15:07	10/18/21 15:47	67-66-3	
Chloromethane	ND	ug/kg	14.4	6.0	1	10/18/21 15:07	10/18/21 15:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.2	2.5	1	10/18/21 15:07	10/18/21 15:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.2	1.3	1	10/18/21 15:07	10/18/21 15:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	2.8	1	10/18/21 15:07	10/18/21 15:47	96-12-8	
Dibromochloromethane	ND	ug/kg	7.2	4.0	1	10/18/21 15:07	10/18/21 15:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.2	3.2	1	10/18/21 15:07	10/18/21 15:47	106-93-4	
Dibromomethane	ND	ug/kg	7.2	1.5	1	10/18/21 15:07	10/18/21 15:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.2	2.6	1	10/18/21 15:07	10/18/21 15:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.2	2.2	1	10/18/21 15:07	10/18/21 15:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.2	1.9	1	10/18/21 15:07	10/18/21 15:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.4	3.1	1	10/18/21 15:07	10/18/21 15:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.2	3.0	1	10/18/21 15:07	10/18/21 15:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.2	4.8	1	10/18/21 15:07	10/18/21 15:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.2	3.0	1	10/18/21 15:07	10/18/21 15:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	10/18/21 15:07	10/18/21 15:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	10/18/21 15:07	10/18/21 15:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.2	2.2	1	10/18/21 15:07	10/18/21 15:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.2	2.2	1	10/18/21 15:07	10/18/21 15:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	2.3	1	10/18/21 15:07	10/18/21 15:47	594-20-7	

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

Sample: RW-86 (34-36) **Lab ID: 92567147002** Collected: 10/14/21 15:55 Received: 10/14/21 17:58 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	7.2	3.5	1	10/18/21 15:07	10/18/21 15:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.2	2.0	1	10/18/21 15:07	10/18/21 15:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.2	2.5	1	10/18/21 15:07	10/18/21 15:47	10061-02-6	
Diisopropyl ether	**128**	ug/kg	7.2	1.9	1	10/18/21 15:07	10/18/21 15:47	108-20-3	
Ethylbenzene	**439**	ug/kg	7.2	3.4	1	10/18/21 15:07	10/18/21 15:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.4	11.8	1	10/18/21 15:07	10/18/21 15:47	87-68-3	
2-Hexanone	ND	ug/kg	72.0	6.9	1	10/18/21 15:07	10/18/21 15:47	591-78-6	
Isopropylbenzene (Cumene)	**16.9**	ug/kg	7.2	2.4	1	10/18/21 15:07	10/18/21 15:47	98-82-8	
p-Isopropyltoluene	**6.8J**	ug/kg	7.2	3.5	1	10/18/21 15:07	10/18/21 15:47	99-87-6	
Methylene Chloride	ND	ug/kg	28.8	19.7	1	10/18/21 15:07	10/18/21 15:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.0	6.9	1	10/18/21 15:07	10/18/21 15:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.2	2.7	1	10/18/21 15:07	10/18/21 15:47	1634-04-4	
Naphthalene	**7.3**	ug/kg	7.2	3.8	1	10/18/21 15:07	10/18/21 15:47	91-20-3	
n-Propylbenzene	**40.6**	ug/kg	7.2	2.6	1	10/18/21 15:07	10/18/21 15:47	103-65-1	
Styrene	ND	ug/kg	7.2	1.9	1	10/18/21 15:07	10/18/21 15:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.2	2.8	1	10/18/21 15:07	10/18/21 15:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.2	1.9	1	10/18/21 15:07	10/18/21 15:47	79-34-5	
Tetrachloroethene	ND	ug/kg	7.2	2.3	1	10/18/21 15:07	10/18/21 15:47	127-18-4	
Toluene	**3560**	ug/kg	7.2	2.0	1	10/18/21 15:07	10/18/21 15:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.2	5.8	1	10/18/21 15:07	10/18/21 15:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.2	6.0	1	10/18/21 15:07	10/18/21 15:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.2	3.7	1	10/18/21 15:07	10/18/21 15:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.2	2.4	1	10/18/21 15:07	10/18/21 15:47	79-00-5	
Trichloroethene	ND	ug/kg	7.2	1.9	1	10/18/21 15:07	10/18/21 15:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.2	4.0	1	10/18/21 15:07	10/18/21 15:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.2	3.6	1	10/18/21 15:07	10/18/21 15:47	96-18-4	
1,2,4-Trimethylbenzene	**182**	ug/kg	7.2	2.0	1	10/18/21 15:07	10/18/21 15:47	95-63-6	
1,3,5-Trimethylbenzene	**53.5**	ug/kg	7.2	2.4	1	10/18/21 15:07	10/18/21 15:47	108-67-8	
Vinyl acetate	ND	ug/kg	72.0	5.2	1	10/18/21 15:07	10/18/21 15:47	108-05-4	
Vinyl chloride	ND	ug/kg	14.4	3.7	1	10/18/21 15:07	10/18/21 15:47	75-01-4	
Xylene (Total)	**2360**	ug/kg	14.4	4.1	1	10/18/21 15:07	10/18/21 15:47	1330-20-7	
m&p-Xylene	**1640**	ug/kg	14.4	4.9	1	10/18/21 15:07	10/18/21 15:47	179601-23-1	
o-Xylene	**716**	ug/kg	7.2	3.2	1	10/18/21 15:07	10/18/21 15:47	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	10/18/21 15:07	10/18/21 15:47	2037-26-5	
4-Bromofluorobenzene (S)	102	%	69-134		1	10/18/21 15:07	10/18/21 15:47	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	10/18/21 15:07	10/18/21 15:47	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**17.1**	%	0.10	0.10	1		10/18/21 16:54		N2

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

QC Batch: 653601
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92567147002

METHOD BLANK: 3427261 Matrix: Solid
Associated Lab Samples: 92567147002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/18/21 18:25	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/18/21 18:25	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		10/18/21 18:25	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		10/18/21 18:25	

LABORATORY CONTROL SAMPLE & LCSD: 3427262 3427263

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	13.9	13.9	93	93	70-130	0	25	N2
Aromatic (C09-C10)	mg/kg	5	5.4	5.4	108	109	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	99	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	99	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

QC Batch: 653782
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92567147001

METHOD BLANK: 3428104 Matrix: Solid
Associated Lab Samples: 92567147001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/19/21 14:33	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/19/21 14:33	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		10/19/21 14:33	
4-Bromofluorobenzene (PID) (S)	%	101	70-130		10/19/21 14:33	

LABORATORY CONTROL SAMPLE & LCSD: 3428105 3428106

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	13.3	13.4	89	90	70-130	0	25	N2
Aromatic (C09-C10)	mg/kg	5	5.3	5.2	107	105	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	102	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

QC Batch: 653500
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92567147001, 92567147002

METHOD BLANK: 3426708 Matrix: Solid
Associated Lab Samples: 92567147001, 92567147002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/18/21 12:24	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/18/21 12:24	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/18/21 12:24	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/18/21 12:24	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/18/21 12:24	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/18/21 12:24	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/18/21 12:24	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/18/21 12:24	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/18/21 12:24	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/18/21 12:24	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/18/21 12:24	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/18/21 12:24	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/18/21 12:24	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/18/21 12:24	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/18/21 12:24	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/18/21 12:24	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/18/21 12:24	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/18/21 12:24	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/18/21 12:24	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/18/21 12:24	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/18/21 12:24	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/18/21 12:24	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/18/21 12:24	
2-Hexanone	ug/kg	ND	50.0	4.8	10/18/21 12:24	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/18/21 12:24	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/18/21 12:24	
Acetone	ug/kg	ND	100	32.1	10/18/21 12:24	
Benzene	ug/kg	ND	5.0	2.0	10/18/21 12:24	
Bromobenzene	ug/kg	ND	5.0	1.6	10/18/21 12:24	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/18/21 12:24	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/18/21 12:24	
Bromoform	ug/kg	ND	5.0	1.8	10/18/21 12:24	
Bromomethane	ug/kg	ND	10.0	7.9	10/18/21 12:24	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/18/21 12:24	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/18/21 12:24	
Chloroethane	ug/kg	ND	10.0	3.9	10/18/21 12:24	
Chloroform	ug/kg	ND	5.0	3.0	10/18/21 12:24	
Chloromethane	ug/kg	ND	10.0	4.2	10/18/21 12:24	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/18/21 12:24	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/18/21 12:24	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

METHOD BLANK: 3426708 Matrix: Solid
Associated Lab Samples: 92567147001, 92567147002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/18/21 12:24	
Dibromomethane	ug/kg	ND	5.0	1.1	10/18/21 12:24	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/18/21 12:24	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/18/21 12:24	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/18/21 12:24	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/18/21 12:24	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/18/21 12:24	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/18/21 12:24	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/18/21 12:24	
Methylene Chloride	ug/kg	ND	20.0	13.7	10/18/21 12:24	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/18/21 12:24	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/18/21 12:24	
Naphthalene	ug/kg	ND	5.0	2.6	10/18/21 12:24	
o-Xylene	ug/kg	ND	5.0	2.2	10/18/21 12:24	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/18/21 12:24	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/18/21 12:24	
Styrene	ug/kg	ND	5.0	1.3	10/18/21 12:24	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/18/21 12:24	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/18/21 12:24	
Toluene	ug/kg	ND	5.0	1.4	10/18/21 12:24	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/18/21 12:24	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/18/21 12:24	
Trichloroethene	ug/kg	ND	5.0	1.3	10/18/21 12:24	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/18/21 12:24	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/18/21 12:24	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/18/21 12:24	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/18/21 12:24	
1,2-Dichloroethane-d4 (S)	%	110	70-130		10/18/21 12:24	
4-Bromofluorobenzene (S)	%	103	69-134		10/18/21 12:24	
Toluene-d8 (S)	%	97	70-130		10/18/21 12:24	

LABORATORY CONTROL SAMPLE: 3426709

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1260	101	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1230	98	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1230	99	70-130	
1,1-Dichloroethane	ug/kg	1250	1320	105	70-130	
1,1-Dichloroethene	ug/kg	1250	1350	108	70-130	
1,1-Dichloropropene	ug/kg	1250	1270	102	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1240	99	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1240	99	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1220	98	68-130	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

LABORATORY CONTROL SAMPLE: 3426709

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1200	96	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1360	109	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1240	99	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1180	95	70-130	
1,2-Dichloroethane	ug/kg	1250	1210	96	63-130	
1,2-Dichloropropane	ug/kg	1250	1270	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1240	99	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1160	93	70-130	
1,3-Dichloropropane	ug/kg	1250	1200	96	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
2,2-Dichloropropane	ug/kg	1250	1290	103	66-130	
2-Butanone (MEK)	ug/kg	2500	2630	105	70-130	
2-Chlorotoluene	ug/kg	1250	1240	99	70-130	
2-Hexanone	ug/kg	2500	2520	101	70-130	
4-Chlorotoluene	ug/kg	1250	1190	96	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2520	101	70-130	
Acetone	ug/kg	2500	2290	92	69-130	
Benzene	ug/kg	1250	1230	99	70-130	
Bromobenzene	ug/kg	1250	1220	97	70-130	
Bromochloromethane	ug/kg	1250	1320	105	70-130	
Bromodichloromethane	ug/kg	1250	1240	99	69-130	
Bromoform	ug/kg	1250	1300	104	70-130	
Bromomethane	ug/kg	1250	1430	115	52-130	IK
Carbon tetrachloride	ug/kg	1250	1300	104	70-130	
Chlorobenzene	ug/kg	1250	1180	94	70-130	
Chloroethane	ug/kg	1250	1440	115	65-130	
Chloroform	ug/kg	1250	1280	102	70-130	
Chloromethane	ug/kg	1250	1260	101	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1300	104	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1270	101	70-130	
Dibromochloromethane	ug/kg	1250	1300	104	70-130	
Dibromomethane	ug/kg	1250	1280	102	70-130	
Dichlorodifluoromethane	ug/kg	1250	1330	106	45-156	
Diisopropyl ether	ug/kg	1250	1240	99	70-130	
Ethylbenzene	ug/kg	1250	1130	91	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1250	100	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1230	98	70-130	
m&p-Xylene	ug/kg	2500	2390	96	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1240	99	70-130	
Methylene Chloride	ug/kg	1250	1140	91	65-130	
n-Butylbenzene	ug/kg	1250	1220	98	67-130	
n-Propylbenzene	ug/kg	1250	1210	97	70-130	
Naphthalene	ug/kg	1250	1230	98	70-130	
o-Xylene	ug/kg	1250	1200	96	70-130	
p-Isopropyltoluene	ug/kg	1250	1220	98	67-130	
sec-Butylbenzene	ug/kg	1250	1210	97	69-130	
Styrene	ug/kg	1250	1270	102	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

LABORATORY CONTROL SAMPLE: 3426709

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1150	92	67-130	
Tetrachloroethene	ug/kg	1250	1230	98	70-130	
Toluene	ug/kg	1250	1190	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1360	108	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1240	99	68-130	
Trichloroethene	ug/kg	1250	1250	100	70-130	
Trichlorofluoromethane	ug/kg	1250	1260	101	70-130	
Vinyl acetate	ug/kg	2500	2580	103	70-130	
Vinyl chloride	ug/kg	1250	1340	107	61-130	
Xylene (Total)	ug/kg	3750	3580	96	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			101	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3426712

Parameter	Units	92567138002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	709	724	102	70-131	
1,1,1-Trichloroethane	ug/kg	ND	709	811	114	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	709	715	101	66-130	
1,1,2-Trichloroethane	ug/kg	ND	709	727	103	66-133	
1,1-Dichloroethane	ug/kg	ND	709	811	115	65-130	
1,1-Dichloroethene	ug/kg	ND	709	828	117	10-158	
1,1-Dichloropropene	ug/kg	ND	709	854	121	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	709	543	77	27-138	
1,2,3-Trichloropropane	ug/kg	ND	709	709	100	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	709	729	103	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	709	788	111	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	709	616	87	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	709	727	103	70-130	
1,2-Dichlorobenzene	ug/kg	ND	709	751	106	69-130	
1,2-Dichloroethane	ug/kg	ND	709	748	106	59-130	
1,2-Dichloropropane	ug/kg	ND	709	783	110	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	709	793	112	65-137	
1,3-Dichlorobenzene	ug/kg	ND	709	755	107	70-130	
1,3-Dichloropropane	ug/kg	ND	709	718	101	70-130	
1,4-Dichlorobenzene	ug/kg	ND	709	746	105	68-130	
2,2-Dichloropropane	ug/kg	ND	709	815	115	32-130	
2-Butanone (MEK)	ug/kg	ND	1420	817	58	10-136	
2-Chlorotoluene	ug/kg	ND	709	778	110	69-141	
2-Hexanone	ug/kg	ND	1420	1120	79	10-144	
4-Chlorotoluene	ug/kg	ND	709	764	108	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1420	1370	96	25-143	
Acetone	ug/kg	ND	1420	818	58	10-130	
Benzene	ug/kg	ND	709	793	112	67-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

MATRIX SPIKE SAMPLE: 3426712

Parameter	Units	92567138002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	709	746	105	70-130	
Bromochloromethane	ug/kg	ND	709	754	106	69-134	
Bromodichloromethane	ug/kg	ND	709	717	101	64-130	
Bromoform	ug/kg	ND	709	664	94	62-130	
Bromomethane	ug/kg	ND	709	411	58	20-176	IK
Carbon tetrachloride	ug/kg	ND	709	793	112	65-140	
Chlorobenzene	ug/kg	ND	709	757	107	70-130	
Chloroethane	ug/kg	ND	709	127	18	10-130	
Chloroform	ug/kg	ND	709	787	111	63-130	
Chloromethane	ug/kg	ND	709	823	116	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	709	814	115	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	709	751	106	67-130	
Dibromochloromethane	ug/kg	ND	709	689	97	67-130	
Dibromomethane	ug/kg	ND	709	730	103	63-131	
Dichlorodifluoromethane	ug/kg	ND	709	870	123	44-180	
Diisopropyl ether	ug/kg	ND	709	755	106	63-130	
Ethylbenzene	ug/kg	ND	709	744	105	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	709	798	113	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	709	815	115	69-135	
m&p-Xylene	ug/kg	ND	1420	1580	111	60-133	
Methyl-tert-butyl ether	ug/kg	ND	709	730	103	65-130	
Methylene Chloride	ug/kg	ND	709	704	99	61-130	
n-Butylbenzene	ug/kg	ND	709	795	112	65-140	
n-Propylbenzene	ug/kg	ND	709	779	110	67-140	
Naphthalene	ug/kg	ND	709	476	67	15-145	
o-Xylene	ug/kg	ND	709	764	108	66-133	
p-Isopropyltoluene	ug/kg	ND	709	792	112	56-147	
sec-Butylbenzene	ug/kg	ND	709	791	112	65-139	
Styrene	ug/kg	ND	709	785	111	70-132	
tert-Butylbenzene	ug/kg	ND	709	747	105	62-135	
Tetrachloroethene	ug/kg	ND	709	806	114	70-135	
Toluene	ug/kg	ND	709	778	110	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	709	851	120	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	709	717	101	62-130	
Trichloroethene	ug/kg	ND	709	794	112	70-135	
Trichlorofluoromethane	ug/kg	ND	709	94.6	13	10-130	
Vinyl acetate	ug/kg	ND	1420	1500	106	53-130	
Vinyl chloride	ug/kg	ND	709	836	118	61-148	
Xylene (Total)	ug/kg	ND	2120	2340	110	63-132	
1,2-Dichloroethane-d4 (S)	%				113	70-130	
4-Bromofluorobenzene (S)	%				101	69-134	
Toluene-d8 (S)	%				100	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

SAMPLE DUPLICATE: 3426711

Parameter	Units	92567138003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	IK
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

SAMPLE DUPLICATE: 3426711

Parameter	Units	92567138003 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	105	107			
4-Bromofluorobenzene (S)	%	101	102			
Toluene-d8 (S)	%	99	100			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

QC Batch: 653587
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92567147001, 92567147002

SAMPLE DUPLICATE: 3427204

Parameter	Units	92566936002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.1	13.9	1	25	N2

SAMPLE DUPLICATE: 3427226

Parameter	Units	92567264002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.5	15.0	3	25	N2

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QUALIFIERS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567147

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92567147001	**RW-86 (16-18)**	MADEP VPH	653782	MADEP VPH	653801
92567147002	**RW-86 (34-36)**	MADEP VPH	653601	MADEP VPH	653714
92567147001	**RW-86 (16-18)**	EPA 5035A/5030B	653500	EPA 8260D	653516
92567147002	**RW-86 (34-36)**	EPA 5035A/5030B	653500	EPA 8260D	653516
92567147001	**RW-86 (16-18)**	SW-846	653587		
92567147002	**RW-86 (34-36)**	SW-846	653587		

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB (WO# : 92567147 92567147 Number or

Company: APEX COMPANIES, LLC

Address: 5900 NORTHWOODS BUSINESS PKWAY

Report To: ANDREW STREET TOM NAUMANN

Copy To: JOHN STRECKER

Customer Project Name/Number: CPC HUNTERSVILLE / CPC 21018

Billing Information:

Email To:

Site Collection Info/Address:

State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [X] No

Collected By (print): CHRIS REEVES

Purchase Order #:
Quote #: 2020-LI-2248

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required: STANDARD

Immediately Packed on Ice: [X] Yes [ ] No

Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: 6 6

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	MADEP VPH	VOCs BY 8260D	Lab Sample # / Comments
RW-8G (16-18)	SOIL	GRAB	10.14.21	1550	—	—	—	3	X	X	92567147 001
RW-8G (34-36)	SOIL	GRAB	10.14.21	1555	—	—	—	3	X	X	002

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546880

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 5Y0615
Cooler 1 Temp Upon Receipt: 5.4 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 5.4 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
/ APEX	10.14.21/1758	Pace Nathan Sarbo	10-14-21 17:58
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92567147**

PM: AMB Due Date: 10/21/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																						3							
2																						3							
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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October 22, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 15, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

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CERTIFICATIONS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92567264001	**RW-87 (12-14)**	Solid	10/15/21 14:30	10/15/21 15:43
92567264002	**RW-87 (34-36)**	Solid	10/15/21 14:35	10/15/21 15:43

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92567264001	**RW-87 (12-14)**	MADEP VPH	LMB, MAD	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92567264002	**RW-87 (34-36)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

Sample: RW-87 (12-14) **Lab ID: 92567264001** Collected: 10/15/21 14:30 Received: 10/15/21 15:43 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**2560**	mg/kg	24.3	24.3	5	10/18/21 18:10	10/19/21 00:04		N2
Aliphatic (C05-C08)	**1240**	mg/kg	24.3	24.3	5	10/18/21 18:10	10/19/21 00:04		N2
Aliphatic(C09-C12) Adjusted	**888**	mg/kg	24.3	24.3	5	10/18/21 18:10	10/19/21 00:04		N2
Aromatic (C09-C10)	**426**	mg/kg	24.3	24.3	5	10/18/21 18:10	10/19/21 00:04		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	148	%	70-130		5	10/18/21 18:10	10/19/21 00:04	460-00-4	S5
4-Bromofluorobenzene (PID) (S)	114	%	70-130		5	10/18/21 18:10	10/19/21 00:04	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	5070	1630	25	10/19/21 13:25	10/19/21 22:33	67-64-1	
Benzene	**14300**	ug/kg	254	101	25	10/19/21 13:25	10/19/21 22:33	71-43-2	
Bromobenzene	ND	ug/kg	254	82.7	25	10/19/21 13:25	10/19/21 22:33	108-86-1	
Bromochloromethane	ND	ug/kg	254	75.1	25	10/19/21 13:25	10/19/21 22:33	74-97-5	
Bromodichloromethane	ND	ug/kg	254	97.9	25	10/19/21 13:25	10/19/21 22:33	75-27-4	
Bromoform	ND	ug/kg	254	89.3	25	10/19/21 13:25	10/19/21 22:33	75-25-2	
Bromomethane	ND	ug/kg	507	401	25	10/19/21 13:25	10/19/21 22:33	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	5070	1220	25	10/19/21 13:25	10/19/21 22:33	78-93-3	
n-Butylbenzene	**6630**	ug/kg	254	120	25	10/19/21 13:25	10/19/21 22:33	104-51-8	
sec-Butylbenzene	ND	ug/kg	254	112	25	10/19/21 13:25	10/19/21 22:33	135-98-8	
tert-Butylbenzene	ND	ug/kg	254	90.3	25	10/19/21 13:25	10/19/21 22:33	98-06-6	
Carbon tetrachloride	ND	ug/kg	254	94.9	25	10/19/21 13:25	10/19/21 22:33	56-23-5	
Chlorobenzene	ND	ug/kg	254	48.7	25	10/19/21 13:25	10/19/21 22:33	108-90-7	
Chloroethane	ND	ug/kg	507	196	25	10/19/21 13:25	10/19/21 22:33	75-00-3	
Chloroform	ND	ug/kg	254	154	25	10/19/21 13:25	10/19/21 22:33	67-66-3	
Chloromethane	ND	ug/kg	507	213	25	10/19/21 13:25	10/19/21 22:33	74-87-3	
2-Chlorotoluene	ND	ug/kg	254	89.8	25	10/19/21 13:25	10/19/21 22:33	95-49-8	
4-Chlorotoluene	ND	ug/kg	254	44.9	25	10/19/21 13:25	10/19/21 22:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	254	98.4	25	10/19/21 13:25	10/19/21 22:33	96-12-8	
Dibromochloromethane	ND	ug/kg	254	143	25	10/19/21 13:25	10/19/21 22:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	254	112	25	10/19/21 13:25	10/19/21 22:33	106-93-4	
Dibromomethane	ND	ug/kg	254	54.3	25	10/19/21 13:25	10/19/21 22:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	254	91.3	25	10/19/21 13:25	10/19/21 22:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	254	78.6	25	10/19/21 13:25	10/19/21 22:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	254	66.0	25	10/19/21 13:25	10/19/21 22:33	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	507	110	25	10/19/21 13:25	10/19/21 22:33	75-71-8	
1,1-Dichloroethane	ND	ug/kg	254	105	25	10/19/21 13:25	10/19/21 22:33	75-34-3	
1,2-Dichloroethane	ND	ug/kg	254	168	25	10/19/21 13:25	10/19/21 22:33	107-06-2	
1,1-Dichloroethene	ND	ug/kg	254	105	25	10/19/21 13:25	10/19/21 22:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	254	86.8	25	10/19/21 13:25	10/19/21 22:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	254	88.8	25	10/19/21 13:25	10/19/21 22:33	156-60-5	
1,2-Dichloropropane	ND	ug/kg	254	76.1	25	10/19/21 13:25	10/19/21 22:33	78-87-5	
1,3-Dichloropropane	ND	ug/kg	254	79.1	25	10/19/21 13:25	10/19/21 22:33	142-28-9	
2,2-Dichloropropane	ND	ug/kg	254	82.7	25	10/19/21 13:25	10/19/21 22:33	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

Sample: RW-87 (12-14) **Lab ID: 92567264001** Collected: 10/15/21 14:30 Received: 10/15/21 15:43 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	254	122	25	10/19/21 13:25	10/19/21 22:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	254	69.0	25	10/19/21 13:25	10/19/21 22:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	254	87.3	25	10/19/21 13:25	10/19/21 22:33	10061-02-6	
Diisopropyl ether	**871**	ug/kg	254	68.5	25	10/19/21 13:25	10/19/21 22:33	108-20-3	
Ethylbenzene	**57300**	ug/kg	254	118	25	10/19/21 13:25	10/19/21 22:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	507	415	25	10/19/21 13:25	10/19/21 22:33	87-68-3	
2-Hexanone	ND	ug/kg	2540	245	25	10/19/21 13:25	10/19/21 22:33	591-78-6	
Isopropylbenzene (Cumene)	**6080**	ug/kg	254	86.2	25	10/19/21 13:25	10/19/21 22:33	98-82-8	
p-Isopropyltoluene	**6260**	ug/kg	254	125	25	10/19/21 13:25	10/19/21 22:33	99-87-6	
Methylene Chloride	ND	ug/kg	1010	695	25	10/19/21 13:25	10/19/21 22:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	**3780**	ug/kg	2540	245	25	10/19/21 13:25	10/19/21 22:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	254	94.9	25	10/19/21 13:25	10/19/21 22:33	1634-04-4	
Naphthalene	**15300**	ug/kg	254	133	25	10/19/21 13:25	10/19/21 22:33	91-20-3	
n-Propylbenzene	**22400**	ug/kg	254	90.3	25	10/19/21 13:25	10/19/21 22:33	103-65-1	
Styrene	ND	ug/kg	254	67.0	25	10/19/21 13:25	10/19/21 22:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	254	97.4	25	10/19/21 13:25	10/19/21 22:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	254	67.0	25	10/19/21 13:25	10/19/21 22:33	79-34-5	
Tetrachloroethene	ND	ug/kg	254	80.2	25	10/19/21 13:25	10/19/21 22:33	127-18-4	
Toluene	**185000**	ug/kg	254	72.0	25	10/19/21 13:25	10/19/21 22:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	254	205	25	10/19/21 13:25	10/19/21 22:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	254	213	25	10/19/21 13:25	10/19/21 22:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	254	132	25	10/19/21 13:25	10/19/21 22:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	254	84.2	25	10/19/21 13:25	10/19/21 22:33	79-00-5	
Trichloroethene	ND	ug/kg	254	65.4	25	10/19/21 13:25	10/19/21 22:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	254	140	25	10/19/21 13:25	10/19/21 22:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	254	128	25	10/19/21 13:25	10/19/21 22:33	96-18-4	
1,2,4-Trimethylbenzene	**130000**	ug/kg	254	69.5	25	10/19/21 13:25	10/19/21 22:33	95-63-6	
1,3,5-Trimethylbenzene	**38700**	ug/kg	254	85.2	25	10/19/21 13:25	10/19/21 22:33	108-67-8	
Vinyl acetate	ND	ug/kg	2540	185	25	10/19/21 13:25	10/19/21 22:33	108-05-4	
Vinyl chloride	ND	ug/kg	507	129	25	10/19/21 13:25	10/19/21 22:33	75-01-4	
Xylene (Total)	**329000**	ug/kg	507	145	25	10/19/21 13:25	10/19/21 22:33	1330-20-7	
m&p-Xylene	**233000**	ug/kg	507	174	25	10/19/21 13:25	10/19/21 22:33	179601-23-1	
o-Xylene	**95600**	ug/kg	254	112	25	10/19/21 13:25	10/19/21 22:33	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		25	10/19/21 13:25	10/19/21 22:33	2037-26-5	
4-Bromofluorobenzene (S)	103	%	69-134		25	10/19/21 13:25	10/19/21 22:33	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		25	10/19/21 13:25	10/19/21 22:33	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**16.7**	%	0.10	0.10	1		10/18/21 16:54		N2

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

Sample: RW-87 (34-36) **Lab ID: 92567264002** Collected: 10/15/21 14:35 Received: 10/15/21 15:43 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**22100**	mg/kg	135	135	40	10/19/21 13:34	10/19/21 16:27		N2
Aliphatic (C05-C08)	**13600**	mg/kg	135	135	40	10/19/21 13:34	10/19/21 16:27		N2
Aliphatic(C09-C12) Adjusted	**6080**	mg/kg	135	135	40	10/19/21 13:34	10/19/21 16:27		N2
Aromatic (C09-C10)	**2410**	mg/kg	135	135	40	10/19/21 13:34	10/19/21 16:27		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	137	%	70-130		40	10/19/21 13:34	10/19/21 16:27	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	101	%	70-130		40	10/19/21 13:34	10/19/21 16:27	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	39000	12500	250	10/20/21 17:46	10/20/21 20:06	67-64-1	
Benzene	**119000**	ug/kg	1950	776	250	10/20/21 17:46	10/20/21 20:06	71-43-2	
Bromobenzene	ND	ug/kg	1950	635	250	10/20/21 17:46	10/20/21 20:06	108-86-1	
Bromochloromethane	ND	ug/kg	1950	577	250	10/20/21 17:46	10/20/21 20:06	74-97-5	
Bromodichloromethane	ND	ug/kg	1950	752	250	10/20/21 17:46	10/20/21 20:06	75-27-4	
Bromoform	ND	ug/kg	1950	686	250	10/20/21 17:46	10/20/21 20:06	75-25-2	
Bromomethane	ND	ug/kg	3900	3080	250	10/20/21 17:46	10/20/21 20:06	74-83-9	IK,M1
2-Butanone (MEK)	ND	ug/kg	39000	9360	250	10/20/21 17:46	10/20/21 20:06	78-93-3	
n-Butylbenzene	**34800**	ug/kg	1950	920	250	10/20/21 17:46	10/20/21 20:06	104-51-8	
sec-Butylbenzene	ND	ug/kg	1950	858	250	10/20/21 17:46	10/20/21 20:06	135-98-8	
tert-Butylbenzene	ND	ug/kg	1950	694	250	10/20/21 17:46	10/20/21 20:06	98-06-6	
Carbon tetrachloride	ND	ug/kg	1950	729	250	10/20/21 17:46	10/20/21 20:06	56-23-5	
Chlorobenzene	ND	ug/kg	1950	374	250	10/20/21 17:46	10/20/21 20:06	108-90-7	
Chloroethane	ND	ug/kg	3900	1500	250	10/20/21 17:46	10/20/21 20:06	75-00-3	M1
Chloroform	ND	ug/kg	1950	1190	250	10/20/21 17:46	10/20/21 20:06	67-66-3	M1
Chloromethane	ND	ug/kg	3900	1640	250	10/20/21 17:46	10/20/21 20:06	74-87-3	
2-Chlorotoluene	ND	ug/kg	1950	690	250	10/20/21 17:46	10/20/21 20:06	95-49-8	
4-Chlorotoluene	ND	ug/kg	1950	345	250	10/20/21 17:46	10/20/21 20:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1950	756	250	10/20/21 17:46	10/20/21 20:06	96-12-8	
Dibromochloromethane	ND	ug/kg	1950	1100	250	10/20/21 17:46	10/20/21 20:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	1950	858	250	10/20/21 17:46	10/20/21 20:06	106-93-4	
Dibromomethane	ND	ug/kg	1950	417	250	10/20/21 17:46	10/20/21 20:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	1950	702	250	10/20/21 17:46	10/20/21 20:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1950	604	250	10/20/21 17:46	10/20/21 20:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1950	507	250	10/20/21 17:46	10/20/21 20:06	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3900	846	250	10/20/21 17:46	10/20/21 20:06	75-71-8	
1,1-Dichloroethane	ND	ug/kg	1950	803	250	10/20/21 17:46	10/20/21 20:06	75-34-3	M1
1,2-Dichloroethane	ND	ug/kg	1950	1290	250	10/20/21 17:46	10/20/21 20:06	107-06-2	
1,1-Dichloroethene	ND	ug/kg	1950	803	250	10/20/21 17:46	10/20/21 20:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	1950	667	250	10/20/21 17:46	10/20/21 20:06	156-59-2	M1
trans-1,2-Dichloroethene	ND	ug/kg	1950	682	250	10/20/21 17:46	10/20/21 20:06	156-60-5	M1
1,2-Dichloropropane	ND	ug/kg	1950	585	250	10/20/21 17:46	10/20/21 20:06	78-87-5	M1
1,3-Dichloropropane	ND	ug/kg	1950	608	250	10/20/21 17:46	10/20/21 20:06	142-28-9	
2,2-Dichloropropane	ND	ug/kg	1950	635	250	10/20/21 17:46	10/20/21 20:06	594-20-7	M1

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

Sample: RW-87 (34-36) **Lab ID: 92567264002** Collected: 10/15/21 14:35 Received: 10/15/21 15:43 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	1950	936	250	10/20/21 17:46	10/20/21 20:06	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/kg	1950	530	250	10/20/21 17:46	10/20/21 20:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1950	671	250	10/20/21 17:46	10/20/21 20:06	10061-02-6	
Diisopropyl ether	**7880**	ug/kg	1950	526	250	10/20/21 17:46	10/20/21 20:06	108-20-3	
Ethylbenzene	**438000**	ug/kg	1950	908	250	10/20/21 17:46	10/20/21 20:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3900	3190	250	10/20/21 17:46	10/20/21 20:06	87-68-3	
2-Hexanone	ND	ug/kg	19500	1880	250	10/20/21 17:46	10/20/21 20:06	591-78-6	
Isopropylbenzene (Cumene)	**38600**	ug/kg	1950	663	250	10/20/21 17:46	10/20/21 20:06	98-82-8	
p-Isopropyltoluene	**31400**	ug/kg	1950	959	250	10/20/21 17:46	10/20/21 20:06	99-87-6	
Methylene Chloride	ND	ug/kg	7800	5340	250	10/20/21 17:46	10/20/21 20:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19500	1880	250	10/20/21 17:46	10/20/21 20:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1950	729	250	10/20/21 17:46	10/20/21 20:06	1634-04-4	
Naphthalene	**82400**	ug/kg	1950	1030	250	10/20/21 17:46	10/20/21 20:06	91-20-3	M1
n-Propylbenzene	**138000**	ug/kg	1950	694	250	10/20/21 17:46	10/20/21 20:06	103-65-1	
Styrene	ND	ug/kg	1950	515	250	10/20/21 17:46	10/20/21 20:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	1950	748	250	10/20/21 17:46	10/20/21 20:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1950	515	250	10/20/21 17:46	10/20/21 20:06	79-34-5	
Tetrachloroethene	ND	ug/kg	1950	616	250	10/20/21 17:46	10/20/21 20:06	127-18-4	
Toluene	**1460000**	ug/kg	1950	554	250	10/20/21 17:46	10/20/21 20:06	108-88-3	M1
1,2,3-Trichlorobenzene	ND	ug/kg	1950	1570	250	10/20/21 17:46	10/20/21 20:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	1950	1640	250	10/20/21 17:46	10/20/21 20:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1950	1010	250	10/20/21 17:46	10/20/21 20:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	1950	647	250	10/20/21 17:46	10/20/21 20:06	79-00-5	
Trichloroethene	ND	ug/kg	1950	503	250	10/20/21 17:46	10/20/21 20:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1950	1070	250	10/20/21 17:46	10/20/21 20:06	75-69-4	M1
1,2,3-Trichloropropane	ND	ug/kg	1950	986	250	10/20/21 17:46	10/20/21 20:06	96-18-4	
1,2,4-Trimethylbenzene	**765000**	ug/kg	1950	534	250	10/20/21 17:46	10/20/21 20:06	95-63-6	M1
1,3,5-Trimethylbenzene	**228000**	ug/kg	1950	655	250	10/20/21 17:46	10/20/21 20:06	108-67-8	
Vinyl acetate	ND	ug/kg	19500	1420	250	10/20/21 17:46	10/20/21 20:06	108-05-4	
Vinyl chloride	ND	ug/kg	3900	990	250	10/20/21 17:46	10/20/21 20:06	75-01-4	
Xylene (Total)	**2430000**	ug/kg	3900	1110	250	10/20/21 17:46	10/20/21 20:06	1330-20-7	
m&p-Xylene	**1740000**	ug/kg	3900	1330	250	10/20/21 17:46	10/20/21 20:06	179601-23-1	
o-Xylene	**686000**	ug/kg	1950	862	250	10/20/21 17:46	10/20/21 20:06	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		250	10/20/21 17:46	10/20/21 20:06	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		250	10/20/21 17:46	10/20/21 20:06	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		250	10/20/21 17:46	10/20/21 20:06	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**14.5**	%	0.10	0.10	1		10/18/21 16:54		N2

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

QC Batch: 653601
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92567264001

METHOD BLANK: 3427261 Matrix: Solid
Associated Lab Samples: 92567264001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/18/21 18:25	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/18/21 18:25	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		10/18/21 18:25	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		10/18/21 18:25	

LABORATORY CONTROL SAMPLE & LCSD: 3427262 3427263

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	13.9	13.9	93	93	70-130	0	25	N2
Aromatic (C09-C10)	mg/kg	5	5.4	5.4	108	109	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	99	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	99	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

QC Batch: 653782
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92567264002

METHOD BLANK: 3428104 Matrix: Solid
Associated Lab Samples: 92567264002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/19/21 14:33	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/19/21 14:33	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		10/19/21 14:33	
4-Bromofluorobenzene (PID) (S)	%	101	70-130		10/19/21 14:33	

LABORATORY CONTROL SAMPLE & LCSD: 3428105 3428106

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	13.3	13.4	89	90	70-130	0	25	N2
Aromatic (C09-C10)	mg/kg	5	5.3	5.2	107	105	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	102	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

QC Batch: 653788
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92567264001

METHOD BLANK: 3428140 Matrix: Solid
Associated Lab Samples: 92567264001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/19/21 14:15	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/19/21 14:15	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/19/21 14:15	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/19/21 14:15	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/19/21 14:15	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/19/21 14:15	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/19/21 14:15	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/19/21 14:15	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/19/21 14:15	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/19/21 14:15	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/19/21 14:15	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/19/21 14:15	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/19/21 14:15	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/19/21 14:15	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/19/21 14:15	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/19/21 14:15	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/19/21 14:15	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/19/21 14:15	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/19/21 14:15	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/19/21 14:15	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/19/21 14:15	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/19/21 14:15	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/19/21 14:15	
2-Hexanone	ug/kg	ND	50.0	4.8	10/19/21 14:15	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/19/21 14:15	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/19/21 14:15	
Acetone	ug/kg	ND	100	32.1	10/19/21 14:15	
Benzene	ug/kg	ND	5.0	2.0	10/19/21 14:15	
Bromobenzene	ug/kg	ND	5.0	1.6	10/19/21 14:15	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/19/21 14:15	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/19/21 14:15	
Bromoform	ug/kg	ND	5.0	1.8	10/19/21 14:15	
Bromomethane	ug/kg	ND	10.0	7.9	10/19/21 14:15	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/19/21 14:15	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/19/21 14:15	
Chloroethane	ug/kg	ND	10.0	3.9	10/19/21 14:15	
Chloroform	ug/kg	ND	5.0	3.0	10/19/21 14:15	
Chloromethane	ug/kg	ND	10.0	4.2	10/19/21 14:15	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/19/21 14:15	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/19/21 14:15	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

METHOD BLANK: 3428140 Matrix: Solid
Associated Lab Samples: 92567264001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/19/21 14:15	
Dibromomethane	ug/kg	ND	5.0	1.1	10/19/21 14:15	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/19/21 14:15	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/19/21 14:15	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/19/21 14:15	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/19/21 14:15	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/19/21 14:15	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/19/21 14:15	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/19/21 14:15	
Methylene Chloride	ug/kg	ND	20.0	13.7	10/19/21 14:15	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/19/21 14:15	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/19/21 14:15	
Naphthalene	ug/kg	ND	5.0	2.6	10/19/21 14:15	
o-Xylene	ug/kg	ND	5.0	2.2	10/19/21 14:15	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/19/21 14:15	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/19/21 14:15	
Styrene	ug/kg	ND	5.0	1.3	10/19/21 14:15	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/19/21 14:15	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/19/21 14:15	
Toluene	ug/kg	ND	5.0	1.4	10/19/21 14:15	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/19/21 14:15	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/19/21 14:15	
Trichloroethene	ug/kg	ND	5.0	1.3	10/19/21 14:15	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/19/21 14:15	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/19/21 14:15	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/19/21 14:15	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/19/21 14:15	
1,2-Dichloroethane-d4 (S)	%	109	70-130		10/19/21 14:15	
4-Bromofluorobenzene (S)	%	101	69-134		10/19/21 14:15	
Toluene-d8 (S)	%	99	70-130		10/19/21 14:15	

LABORATORY CONTROL SAMPLE: 3428141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1210	97	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1310	105	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1230	98	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1260	101	70-130	
1,1-Dichloroethane	ug/kg	1250	1360	109	70-130	
1,1-Dichloroethene	ug/kg	1250	1390	111	70-130	
1,1-Dichloropropene	ug/kg	1250	1300	104	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1240	99	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1240	99	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1250	100	68-130	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

LABORATORY CONTROL SAMPLE: 3428141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1210	97	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1360	109	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1240	99	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1210	97	70-130	
1,2-Dichloroethane	ug/kg	1250	1270	101	63-130	
1,2-Dichloropropane	ug/kg	1250	1300	104	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1240	99	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1180	94	70-130	
1,3-Dichloropropane	ug/kg	1250	1200	96	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1200	96	70-130	
2,2-Dichloropropane	ug/kg	1250	1320	105	66-130	
2-Butanone (MEK)	ug/kg	2500	2640	106	70-130	
2-Chlorotoluene	ug/kg	1250	1230	99	70-130	
2-Hexanone	ug/kg	2500	2470	99	70-130	
4-Chlorotoluene	ug/kg	1250	1190	95	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2550	102	70-130	
Acetone	ug/kg	2500	2300	92	69-130	
Benzene	ug/kg	1250	1250	100	70-130	
Bromobenzene	ug/kg	1250	1240	99	70-130	
Bromochloromethane	ug/kg	1250	1370	110	70-130	
Bromodichloromethane	ug/kg	1250	1270	102	69-130	
Bromoform	ug/kg	1250	1320	106	70-130	
Bromomethane	ug/kg	1250	1490	119	52-130	IK
Carbon tetrachloride	ug/kg	1250	1310	104	70-130	
Chlorobenzene	ug/kg	1250	1170	94	70-130	
Chloroethane	ug/kg	1250	1490	119	65-130	
Chloroform	ug/kg	1250	1320	106	70-130	
Chloromethane	ug/kg	1250	1260	101	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1340	107	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1300	104	70-130	
Dibromochloromethane	ug/kg	1250	1300	104	70-130	
Dibromomethane	ug/kg	1250	1300	104	70-130	
Dichlorodifluoromethane	ug/kg	1250	1290	103	45-156	
Diisopropyl ether	ug/kg	1250	1270	102	70-130	
Ethylbenzene	ug/kg	1250	1120	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1260	101	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1220	97	70-130	
m&p-Xylene	ug/kg	2500	2350	94	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1290	103	70-130	
Methylene Chloride	ug/kg	1250	1190	95	65-130	
n-Butylbenzene	ug/kg	1250	1220	97	67-130	
n-Propylbenzene	ug/kg	1250	1200	96	70-130	
Naphthalene	ug/kg	1250	1230	99	70-130	
o-Xylene	ug/kg	1250	1170	94	70-130	
p-Isopropyltoluene	ug/kg	1250	1210	97	67-130	
sec-Butylbenzene	ug/kg	1250	1200	96	69-130	
Styrene	ug/kg	1250	1260	101	70-130	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

LABORATORY CONTROL SAMPLE: 3428141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1140	91	67-130	
Tetrachloroethene	ug/kg	1250	1190	95	70-130	
Toluene	ug/kg	1250	1220	97	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1390	111	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1270	102	68-130	
Trichloroethene	ug/kg	1250	1250	100	70-130	
Trichlorofluoromethane	ug/kg	1250	1290	103	70-130	
Vinyl acetate	ug/kg	2500	2650	106	70-130	
Vinyl chloride	ug/kg	1250	1350	108	61-130	
Xylene (Total)	ug/kg	3750	3520	94	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3429639 3429640

Parameter	Units	92567255003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	2700	2700	2790	3150	104	117	70-131	12	30	
1,1,1-Trichloroethane	ug/kg	ND	2700	2700	3060	3380	114	125	65-133	10	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	2700	2700	2900	3280	108	122	66-130	12	30	
1,1,2-Trichloroethane	ug/kg	ND	2700	2700	3160	3590	117	133	66-133	13	30	
1,1-Dichloroethane	ug/kg	ND	2700	2700	3150	3520	117	131	65-130	11	30	M1
1,1-Dichloroethene	ug/kg	ND	2700	2700	3290	3610	122	134	10-158	9	30	
1,1-Dichloropropene	ug/kg	ND	2700	2700	3100	3460	115	128	68-133	11	30	
1,2,3-Trichlorobenzene	ug/kg	ND	2700	2700	3090	3430	114	127	27-138	11	30	
1,2,3-Trichloropropane	ug/kg	ND	2700	2700	2630	3010	98	112	67-130	13	30	
1,2,4-Trichlorobenzene	ug/kg	ND	2700	2700	3040	3380	113	125	51-134	10	30	
1,2,4-Trimethylbenzene	ug/kg	19600	2700	2700	21500	24300	74	177	63-136	12	30	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	2700	2700	2850	3270	106	121	32-130	14	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	2700	2700	2880	3160	107	117	70-130	9	30	
1,2-Dichlorobenzene	ug/kg	ND	2700	2700	2770	3100	103	115	69-130	11	30	
1,2-Dichloroethane	ug/kg	ND	2700	2700	2820	3170	105	118	59-130	12	30	
1,2-Dichloropropane	ug/kg	ND	2700	2700	3060	3440	114	127	70-130	12	30	
1,3,5-Trimethylbenzene	ug/kg	6720	2700	2700	9400	10700	100	149	65-137	13	30	M1
1,3-Dichlorobenzene	ug/kg	ND	2700	2700	2740	3080	102	114	70-130	11	30	
1,3-Dichloropropane	ug/kg	ND	2700	2700	2810	3140	104	117	70-130	11	30	
1,4-Dichlorobenzene	ug/kg	ND	2700	2700	2850	3140	106	116	68-130	10	30	
2,2-Dichloropropane	ug/kg	ND	2700	2700	3100	3390	115	126	32-130	9	30	
2-Butanone (MEK)	ug/kg	ND	5390	5390	6410	7160	119	133	10-136	11	30	
2-Chlorotoluene	ug/kg	ND	2700	2700	3460	3870	128	144	69-141	11	30	M1
2-Hexanone	ug/kg	ND	5390	5390	5540	6300	103	117	10-144	13	30	
4-Chlorotoluene	ug/kg	ND	2700	2700	2920	3100	108	115	70-132	6	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	1150	5390	5390	6260	7230	95	113	25-143	14	30	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3429639 3429640

Parameter	Units	92567255003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/kg	ND	5390	5390	4130	4450	77	83	10-130	7	30	
Benzene	ug/kg	245	2700	2700	3210	3600	110	124	67-130	11	30	
Bromobenzene	ug/kg	ND	2700	2700	2850	3160	106	117	70-130	10	30	
Bromochloromethane	ug/kg	ND	2700	2700	3070	3380	114	126	69-134	10	30	
Bromodichloromethane	ug/kg	ND	2700	2700	2920	3210	108	119	64-130	10	30	
Bromoform	ug/kg	ND	2700	2700	2780	3140	103	116	62-130	12	30	
Bromomethane	ug/kg	ND	2700	2700	2130	2250	79	84	20-176	6	30	IK
Carbon tetrachloride	ug/kg	ND	2700	2700	3050	3440	113	127	65-140	12	30	
Chlorobenzene	ug/kg	ND	2700	2700	2870	3190	106	117	70-130	11	30	
Chloroethane	ug/kg	ND	2700	2700	1030	1050	38	39	10-130	2	30	
Chloroform	ug/kg	ND	2700	2700	3040	3410	113	127	63-130	12	30	
Chloromethane	ug/kg	ND	2700	2700	3120	3400	116	126	58-130	9	30	
cis-1,2-Dichloroethene	ug/kg	ND	2700	2700	3080	3450	114	128	66-130	11	30	
cis-1,3-Dichloropropene	ug/kg	ND	2700	2700	2920	3280	108	122	67-130	12	30	
Dibromochloromethane	ug/kg	ND	2700	2700	2860	3240	106	120	67-130	13	30	
Dibromomethane	ug/kg	ND	2700	2700	2920	3260	108	121	63-131	11	30	
Dichlorodifluoromethane	ug/kg	ND	2700	2700	3240	3510	120	130	44-180	8	30	
Diisopropyl ether	ug/kg	ND	2700	2700	2870	3220	107	119	63-130	11	30	
Ethylbenzene	ug/kg	2960	2700	2700	6420	7170	128	156	66-130	11	30	M1
Hexachloro-1,3-butadiene	ug/kg	ND	2700	2700	3800	4600	141	171	64-150	19	30	M1
Isopropylbenzene (Cumene)	ug/kg	479	2700	2700	3610	4090	116	134	69-135	12	30	
m&p-Xylene	ug/kg	11500	5390	5390	20300	22800	163	210	60-133	12	30	M1
Methyl-tert-butyl ether	ug/kg	367	2700	2700	3200	3560	105	118	65-130	11	30	
Methylene Chloride	ug/kg	ND	2700	2700	2730	3010	101	111	61-130	10	30	
n-Butylbenzene	ug/kg	1380	2700	2700	4860	5290	129	145	65-140	8	30	M1
n-Propylbenzene	ug/kg	2690	2700	2700	5390	6120	100	127	67-140	13	30	
Naphthalene	ug/kg	4110	2700	2700	6800	7750	100	135	15-145	13	30	
o-Xylene	ug/kg	4870	2700	2700	9030	10100	154	195	66-133	11	30	M1
p-Isopropyltoluene	ug/kg	1070	2700	2700	4160	4700	114	135	56-147	12	30	
sec-Butylbenzene	ug/kg	ND	2700	2700	3350	3710	124	138	65-139	10	30	
Styrene	ug/kg	ND	2700	2700	3170	3540	118	131	70-132	11	30	
tert-Butylbenzene	ug/kg	ND	2700	2700	2840	3270	105	121	62-135	14	30	
Tetrachloroethene	ug/kg	ND	2700	2700	2880	3200	107	119	70-135	10	30	
Toluene	ug/kg	6720	2700	2700	9220	10600	93	142	67-130	14	30	M1
trans-1,2-Dichloroethene	ug/kg	ND	2700	2700	3230	3570	120	133	69-130	10	30	M1
trans-1,3-Dichloropropene	ug/kg	ND	2700	2700	2800	3150	104	117	62-130	12	30	
Trichloroethene	ug/kg	ND	2700	2700	2990	3330	111	123	70-135	11	30	
Trichlorofluoromethane	ug/kg	ND	2700	2700	2030	1840	75	68	10-130	10	30	
Vinyl acetate	ug/kg	ND	5390	5390	5820	6450	108	120	53-130	10	30	
Vinyl chloride	ug/kg	ND	2700	2700	3320	3630	123	135	61-148	9	30	
Xylene (Total)	ug/kg	16400	8090	8090	29300	32900	160	205	63-132	12	30	MS
1,2-Dichloroethane-d4 (S)	%						99	96	70-130			
4-Bromofluorobenzene (S)	%						104	104	69-134			
Toluene-d8 (S)	%						98	99	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

QC Batch: 654199
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92567264002

METHOD BLANK: 3430338 Matrix: Solid
Associated Lab Samples: 92567264002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/20/21 18:15	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/20/21 18:15	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/20/21 18:15	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/20/21 18:15	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/20/21 18:15	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/20/21 18:15	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/20/21 18:15	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/20/21 18:15	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/20/21 18:15	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/20/21 18:15	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/20/21 18:15	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/20/21 18:15	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/20/21 18:15	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/20/21 18:15	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/20/21 18:15	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/20/21 18:15	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/20/21 18:15	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/20/21 18:15	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/20/21 18:15	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/20/21 18:15	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/20/21 18:15	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/20/21 18:15	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/20/21 18:15	
2-Hexanone	ug/kg	ND	50.0	4.8	10/20/21 18:15	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/20/21 18:15	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/20/21 18:15	
Acetone	ug/kg	ND	100	32.1	10/20/21 18:15	
Benzene	ug/kg	ND	5.0	2.0	10/20/21 18:15	
Bromobenzene	ug/kg	ND	5.0	1.6	10/20/21 18:15	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/20/21 18:15	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/20/21 18:15	
Bromoform	ug/kg	ND	5.0	1.8	10/20/21 18:15	
Bromomethane	ug/kg	ND	10.0	7.9	10/20/21 18:15	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/20/21 18:15	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/20/21 18:15	
Chloroethane	ug/kg	ND	10.0	3.9	10/20/21 18:15	
Chloroform	ug/kg	ND	5.0	3.0	10/20/21 18:15	
Chloromethane	ug/kg	ND	10.0	4.2	10/20/21 18:15	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/20/21 18:15	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/20/21 18:15	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

METHOD BLANK: 3430338 Matrix: Solid
Associated Lab Samples: 92567264002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/20/21 18:15	
Dibromomethane	ug/kg	ND	5.0	1.1	10/20/21 18:15	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/20/21 18:15	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/20/21 18:15	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/20/21 18:15	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/20/21 18:15	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/20/21 18:15	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/20/21 18:15	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/20/21 18:15	
Methylene Chloride	ug/kg	ND	20.0	13.7	10/20/21 18:15	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/20/21 18:15	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/20/21 18:15	
Naphthalene	ug/kg	ND	5.0	2.6	10/20/21 18:15	
o-Xylene	ug/kg	ND	5.0	2.2	10/20/21 18:15	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/20/21 18:15	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/20/21 18:15	
Styrene	ug/kg	ND	5.0	1.3	10/20/21 18:15	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/20/21 18:15	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/20/21 18:15	
Toluene	ug/kg	ND	5.0	1.4	10/20/21 18:15	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/20/21 18:15	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/20/21 18:15	
Trichloroethene	ug/kg	ND	5.0	1.3	10/20/21 18:15	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/20/21 18:15	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/20/21 18:15	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/20/21 18:15	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/20/21 18:15	
1,2-Dichloroethane-d4 (S)	%	105	70-130		10/20/21 18:15	
4-Bromofluorobenzene (S)	%	102	69-134		10/20/21 18:15	
Toluene-d8 (S)	%	99	70-130		10/20/21 18:15	

LABORATORY CONTROL SAMPLE: 3430339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1280	102	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1300	104	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1290	103	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1350	108	70-130	
1,1-Dichloroethane	ug/kg	1250	1360	109	70-130	
1,1-Dichloroethene	ug/kg	1250	1390	111	70-130	
1,1-Dichloropropene	ug/kg	1250	1320	106	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1330	106	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1300	104	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1330	106	68-130	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

LABORATORY CONTROL SAMPLE: 3430339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1260	101	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1390	111	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1310	105	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1250	100	70-130	
1,2-Dichloroethane	ug/kg	1250	1250	100	63-130	
1,2-Dichloropropane	ug/kg	1250	1370	109	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1290	103	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1220	98	70-130	
1,3-Dichloropropane	ug/kg	1250	1270	101	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1270	101	70-130	
2,2-Dichloropropane	ug/kg	1250	1320	105	66-130	
2-Butanone (MEK)	ug/kg	2500	2610	104	70-130	
2-Chlorotoluene	ug/kg	1250	1280	102	70-130	
2-Hexanone	ug/kg	2500	2570	103	70-130	
4-Chlorotoluene	ug/kg	1250	1230	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2680	107	70-130	
Acetone	ug/kg	2500	2260	91	69-130	
Benzene	ug/kg	1250	1310	105	70-130	
Bromobenzene	ug/kg	1250	1290	103	70-130	
Bromochloromethane	ug/kg	1250	1380	110	70-130	
Bromodichloromethane	ug/kg	1250	1340	107	69-130	
Bromoform	ug/kg	1250	1380	110	70-130	
Bromomethane	ug/kg	1250	1510	121	52-130	IK
Carbon tetrachloride	ug/kg	1250	1390	111	70-130	
Chlorobenzene	ug/kg	1250	1230	99	70-130	
Chloroethane	ug/kg	1250	1460	117	65-130	
Chloroform	ug/kg	1250	1320	105	70-130	
Chloromethane	ug/kg	1250	1260	101	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1320	106	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1350	108	70-130	
Dibromochloromethane	ug/kg	1250	1360	109	70-130	
Dibromomethane	ug/kg	1250	1380	110	70-130	
Dichlorodifluoromethane	ug/kg	1250	1310	105	45-156	
Diisopropyl ether	ug/kg	1250	1280	102	70-130	
Ethylbenzene	ug/kg	1250	1180	95	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1340	107	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1280	103	70-130	
m&p-Xylene	ug/kg	2500	2480	99	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1300	104	70-130	
Methylene Chloride	ug/kg	1250	1180	94	65-130	
n-Butylbenzene	ug/kg	1250	1290	103	67-130	
n-Propylbenzene	ug/kg	1250	1250	100	70-130	
Naphthalene	ug/kg	1250	1280	103	70-130	
o-Xylene	ug/kg	1250	1240	99	70-130	
p-Isopropyltoluene	ug/kg	1250	1290	103	67-130	
sec-Butylbenzene	ug/kg	1250	1270	101	69-130	
Styrene	ug/kg	1250	1320	106	70-130	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

LABORATORY CONTROL SAMPLE: 3430339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1280	102	67-130	
Tetrachloroethene	ug/kg	1250	1280	102	70-130	
Toluene	ug/kg	1250	1280	103	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1390	111	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1340	107	68-130	
Trichloroethene	ug/kg	1250	1320	105	70-130	
Trichlorofluoromethane	ug/kg	1250	1310	105	70-130	
Vinyl acetate	ug/kg	2500	2670	107	70-130	
Vinyl chloride	ug/kg	1250	1360	109	61-130	
Xylene (Total)	ug/kg	3750	3720	99	70-130	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			103	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3430340 3430341

Parameter	Units	92567264002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	195000	195000	237000	236000	121	121	70-131	0	30	
1,1,1-Trichloroethane	ug/kg	ND	195000	195000	256000	255000	131	131	65-133	0	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	195000	195000	238000	238000	122	122	66-130	0	30	
1,1,2-Trichloroethane	ug/kg	ND	195000	195000	255000	256000	131	131	66-133	0	30	
1,1-Dichloroethane	ug/kg	ND	195000	195000	264000	259000	136	133	65-130	2	30	M1
1,1-Dichloroethene	ug/kg	ND	195000	195000	278000	274000	143	141	10-158	1	30	
1,1-Dichloropropene	ug/kg	ND	195000	195000	261000	257000	134	132	68-133	2	30	M1
1,2,3-Trichlorobenzene	ug/kg	ND	195000	195000	234000	235000	120	121	27-138	0	30	
1,2,3-Trichloropropane	ug/kg	ND	195000	195000	234000	234000	120	120	67-130	0	30	
1,2,4-Trichlorobenzene	ug/kg	ND	195000	195000	233000	236000	120	121	51-134	1	30	
1,2,4-Trimethylbenzene	ug/kg	765000	195000	195000	1060000	1050000	152	146	63-136	1	30	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	195000	195000	244000	250000	125	128	32-130	2	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	195000	195000	240000	240000	123	123	70-130	0	30	
1,2-Dichlorobenzene	ug/kg	ND	195000	195000	227000	227000	117	116	69-130	0	30	
1,2-Dichloroethane	ug/kg	ND	195000	195000	240000	239000	123	123	59-130	0	30	
1,2-Dichloropropane	ug/kg	ND	195000	195000	256000	260000	131	133	70-130	1	30	M1
1,3,5-Trimethylbenzene	ug/kg	228000	195000	195000	488000	480000	133	129	65-137	2	30	
1,3-Dichlorobenzene	ug/kg	ND	195000	195000	227000	223000	117	114	70-130	2	30	
1,3-Dichloropropane	ug/kg	ND	195000	195000	239000	236000	123	121	70-130	1	30	
1,4-Dichlorobenzene	ug/kg	ND	195000	195000	227000	226000	117	116	68-130	0	30	
2,2-Dichloropropane	ug/kg	ND	195000	195000	254000	248000	131	127	32-130	3	30	M1
2-Butanone (MEK)	ug/kg	ND	389000	389000	524000	523000	134	134	10-136	0	30	
2-Chlorotoluene	ug/kg	ND	195000	195000	257000	260000	132	133	69-141	1	30	
2-Hexanone	ug/kg	ND	389000	389000	483000	488000	124	125	10-144	1	30	
4-Chlorotoluene	ug/kg	ND	195000	195000	237000	237000	121	122	70-132	0	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	389000	389000	494000	498000	127	128	25-143	1	30	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3430340 3430341

Parameter	Units	92567264002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/kg	ND	389000	389000	449000	450000	115	115	10-130	0	30	
Benzene	ug/kg	119000	195000	195000	372000	372000	130	130	67-130	0	30	
Bromobenzene	ug/kg	ND	195000	195000	235000	233000	121	120	70-130	1	30	
Bromochloromethane	ug/kg	ND	195000	195000	255000	257000	131	132	69-134	1	30	
Bromodichloromethane	ug/kg	ND	195000	195000	242000	253000	124	130	64-130	5	30	
Bromoform	ug/kg	ND	195000	195000	234000	240000	120	123	62-130	3	30	
Bromomethane	ug/kg	ND	195000	195000	364000	370000	187	190	20-176	2	30	IK,M1
Carbon tetrachloride	ug/kg	ND	195000	195000	262000	263000	134	135	65-140	0	30	
Chlorobenzene	ug/kg	ND	195000	195000	237000	237000	122	122	70-130	0	30	
Chloroethane	ug/kg	ND	195000	195000	298000	293000	153	150	10-130	2	30	M1
Chloroform	ug/kg	ND	195000	195000	257000	253000	132	130	63-130	2	30	M1
Chloromethane	ug/kg	ND	195000	195000	249000	246000	128	126	58-130	1	30	
cis-1,2-Dichloroethene	ug/kg	ND	195000	195000	256000	255000	132	131	66-130	0	30	M1
cis-1,3-Dichloropropene	ug/kg	ND	195000	195000	246000	250000	126	128	67-130	1	30	
Dibromochloromethane	ug/kg	ND	195000	195000	243000	242000	125	124	67-130	0	30	
Dibromomethane	ug/kg	ND	195000	195000	249000	251000	128	129	63-131	0	30	
Dichlorodifluoromethane	ug/kg	ND	195000	195000	274000	262000	141	134	44-180	5	30	
Diisopropyl ether	ug/kg	7880	195000	195000	251000	251000	125	125	63-130	0	30	
Ethylbenzene	ug/kg	438000	195000	195000	673000	665000	121	117	66-130	1	30	
Hexachloro-1,3-butadiene	ug/kg	ND	195000	195000	239000	235000	123	121	64-150	2	30	
Isopropylbenzene (Cumene)	ug/kg	38600	195000	195000	286000	284000	127	126	69-135	1	30	
m&p-Xylene	ug/kg	1740000	389000	389000	2240000	2210000	128	120	60-133	1	30	
Methyl-tert-butyl ether	ug/kg	ND	195000	195000	242000	239000	124	123	65-130	1	30	
Methylene Chloride	ug/kg	ND	195000	195000	226000	226000	116	116	61-130	0	30	
n-Butylbenzene	ug/kg	34800	195000	195000	293000	293000	133	132	65-140	0	30	
n-Propylbenzene	ug/kg	138000	195000	195000	373000	372000	121	120	67-140	0	30	
Naphthalene	ug/kg	82400	195000	195000	1940J	327000	-41	125	15-145		30	M1
o-Xylene	ug/kg	686000	195000	195000	946000	936000	133	128	66-133	1	30	
p-Isopropyltoluene	ug/kg	31400	195000	195000	276000	275000	126	125	56-147	0	30	
sec-Butylbenzene	ug/kg	ND	195000	195000	253000	253000	130	130	65-139	0	30	
Styrene	ug/kg	ND	195000	195000	255000	252000	131	130	70-132	1	30	
tert-Butylbenzene	ug/kg	ND	195000	195000	227000	229000	116	117	62-135	1	30	
Tetrachloroethene	ug/kg	ND	195000	195000	240000	234000	123	120	70-135	3	30	
Toluene	ug/kg	1460000	195000	195000	1730000	1740000	139	146	67-130	1	30	M1
trans-1,2-Dichloroethene	ug/kg	ND	195000	195000	270000	269000	139	138	69-130	0	30	M1
trans-1,3-Dichloropropene	ug/kg	ND	195000	195000	237000	240000	121	123	62-130	1	30	
Trichloroethene	ug/kg	ND	195000	195000	252000	253000	129	130	70-135	0	30	
Trichlorofluoromethane	ug/kg	ND	195000	195000	266000	260000	137	133	10-130	3	30	M1
Vinyl acetate	ug/kg	ND	389000	389000	492000	489000	126	125	53-130	1	30	
Vinyl chloride	ug/kg	ND	195000	195000	274000	268000	141	138	61-148	2	30	
Xylene (Total)	ug/kg	2430000	585000	585000	3190000	3150000	130	123	63-132	1	30	
1,2-Dichloroethane-d4 (S)	%						98	96	70-130			
4-Bromofluorobenzene (S)	%						104	101	69-134			
Toluene-d8 (S)	%						100	100	70-130			

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

QC Batch: 653587
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92567264001, 92567264002

SAMPLE DUPLICATE: 3427204

Parameter	Units	92566936002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.1	13.9	1	25	N2

SAMPLE DUPLICATE: 3427226

Parameter	Units	92567264002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.5	15.0	3	25	N2

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QUALIFIERS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567264

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92567264001	**RW-87 (12-14)**	MADEP VPH	653601	MADEP VPH	653714
92567264002	**RW-87 (34-36)**	MADEP VPH	653782	MADEP VPH	653801
92567264001	**RW-87 (12-14)**	EPA 5035A/5030B	653788	EPA 8260D	653819
92567264002	**RW-87 (34-36)**	EPA 5035A/5030B	654199	EPA 8260D	654322
92567264001	**RW-87 (12-14)**	SW-846	653587		
92567264002	**RW-87 (34-36)**	SW-846	653587		

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ... mber or

WO# : 92567264

92567264

Containe... 6 6

Company: APEX COMPANIES, LLC

Address: 5900 NORTHWOODS BUSINESS PKWY

Report To: ANDREW STREET TOM NAUMANN

Copy To: JOHN STRECKER

Customer Project Name/Number: CPC HUNTERSVILLE / CPC 21018

Billing Information:

Email To:

Site Collection Info/Address:

State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [X] No

Collected By (print): CHRIS REEVES

Purchase Order #:
Quote #: 2020-4-2248

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required: STANDARD

Immediately Packed on Ice: [X] Yes [ ] No

Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: _____

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	MADEP VPH	VOCs BY 8260								Lab Profile/Line:
RW-87 (12-14)	Soil	Grab	10.15.21	1430	—	—		3	X	X								Q1
RW-87 (34-36)	Soil	Grab	10.15.21	1435	—	—		3	X	X								Q2

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: NA

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546881

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 0.8 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 0.8 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
APEX	10.15.21/1543	APEX	10-15-21/1543
APEX	10-15-21/1605		
PACE HUL	10/15/21 16:05		

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # 92567264

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AGOU-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																						3						
2																						3						
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 25, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 18, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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Huntersville, NC 28078
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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92567407001	**RW-88 (12-14)**	Solid	10/18/21 15:40	10/18/21 17:41
92567407002	**RW-88 (34-36)**	Solid	10/18/21 15:45	10/18/21 17:41

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92567407001	**RW-88 (12-14)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92567407002	**RW-88 (34-36)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

Sample: RW-88 (12-14) **Lab ID: 92567407001** Collected: 10/18/21 15:40 Received: 10/18/21 17:41 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**1770**	mg/kg	16.0	16.0	4	10/21/21 16:55	10/22/21 03:30		N2
Aliphatic (C05-C08)	**877**	mg/kg	16.0	16.0	4	10/21/21 16:55	10/22/21 03:30		N2
Aliphatic(C09-C12) Adjusted	**645**	mg/kg	16.0	16.0	4	10/21/21 16:55	10/22/21 03:30		N2
Aromatic (C09-C10)	**243**	mg/kg	16.0	16.0	4	10/21/21 16:55	10/22/21 03:30		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	151	%	70-130		4	10/21/21 16:55	10/22/21 03:30	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	103	%	70-130		4	10/21/21 16:55	10/22/21 03:30	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**2460J**	ug/kg	3060	982	20	10/21/21 16:40	10/21/21 23:23	67-64-1	
Benzene	**6510**	ug/kg	153	60.9	20	10/21/21 16:40	10/21/21 23:23	71-43-2	
Bromobenzene	ND	ug/kg	153	49.9	20	10/21/21 16:40	10/21/21 23:23	108-86-1	
Bromochloromethane	ND	ug/kg	153	45.3	20	10/21/21 16:40	10/21/21 23:23	74-97-5	
Bromodichloromethane	ND	ug/kg	153	59.1	20	10/21/21 16:40	10/21/21 23:23	75-27-4	
Bromoform	ND	ug/kg	153	53.9	20	10/21/21 16:40	10/21/21 23:23	75-25-2	
Bromomethane	ND	ug/kg	306	242	20	10/21/21 16:40	10/21/21 23:23	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	3060	734	20	10/21/21 16:40	10/21/21 23:23	78-93-3	
n-Butylbenzene	**2530**	ug/kg	153	72.2	20	10/21/21 16:40	10/21/21 23:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	153	67.3	20	10/21/21 16:40	10/21/21 23:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	153	54.5	20	10/21/21 16:40	10/21/21 23:23	98-06-6	
Carbon tetrachloride	ND	ug/kg	153	57.2	20	10/21/21 16:40	10/21/21 23:23	56-23-5	
Chlorobenzene	ND	ug/kg	153	29.4	20	10/21/21 16:40	10/21/21 23:23	108-90-7	
Chloroethane	ND	ug/kg	306	118	20	10/21/21 16:40	10/21/21 23:23	75-00-3	
Chloroform	ND	ug/kg	153	93.0	20	10/21/21 16:40	10/21/21 23:23	67-66-3	
Chloromethane	ND	ug/kg	306	129	20	10/21/21 16:40	10/21/21 23:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	153	54.2	20	10/21/21 16:40	10/21/21 23:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	153	27.1	20	10/21/21 16:40	10/21/21 23:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	153	59.4	20	10/21/21 16:40	10/21/21 23:23	96-12-8	
Dibromochloromethane	ND	ug/kg	153	86.0	20	10/21/21 16:40	10/21/21 23:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	153	67.3	20	10/21/21 16:40	10/21/21 23:23	106-93-4	
Dibromomethane	ND	ug/kg	153	32.7	20	10/21/21 16:40	10/21/21 23:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	153	55.1	20	10/21/21 16:40	10/21/21 23:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	153	47.4	20	10/21/21 16:40	10/21/21 23:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	153	39.8	20	10/21/21 16:40	10/21/21 23:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	306	66.4	20	10/21/21 16:40	10/21/21 23:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	153	63.0	20	10/21/21 16:40	10/21/21 23:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	153	101	20	10/21/21 16:40	10/21/21 23:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	153	63.0	20	10/21/21 16:40	10/21/21 23:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	153	52.3	20	10/21/21 16:40	10/21/21 23:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	153	53.6	20	10/21/21 16:40	10/21/21 23:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	153	45.9	20	10/21/21 16:40	10/21/21 23:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	153	47.7	20	10/21/21 16:40	10/21/21 23:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	153	49.9	20	10/21/21 16:40	10/21/21 23:23	594-20-7	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

Sample: RW-88 (12-14) **Lab ID: 92567407001** Collected: 10/18/21 15:40 Received: 10/18/21 17:41 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	153	73.4	20	10/21/21 16:40	10/21/21 23:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	153	41.6	20	10/21/21 16:40	10/21/21 23:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	153	52.6	20	10/21/21 16:40	10/21/21 23:23	10061-02-6	
Diisopropyl ether	**364**	ug/kg	153	41.3	20	10/21/21 16:40	10/21/21 23:23	108-20-3	
Ethylbenzene	**20900**	ug/kg	153	71.3	20	10/21/21 16:40	10/21/21 23:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	306	250	20	10/21/21 16:40	10/21/21 23:23	87-68-3	
2-Hexanone	ND	ug/kg	1530	147	20	10/21/21 16:40	10/21/21 23:23	591-78-6	
Isopropylbenzene (Cumene)	**2280**	ug/kg	153	52.0	20	10/21/21 16:40	10/21/21 23:23	98-82-8	
p-Isopropyltoluene	**2280**	ug/kg	153	75.3	20	10/21/21 16:40	10/21/21 23:23	99-87-6	
Methylene Chloride	ND	ug/kg	612	419	20	10/21/21 16:40	10/21/21 23:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	**1630**	ug/kg	1530	147	20	10/21/21 16:40	10/21/21 23:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	153	57.2	20	10/21/21 16:40	10/21/21 23:23	1634-04-4	
Naphthalene	**6270**	ug/kg	153	80.5	20	10/21/21 16:40	10/21/21 23:23	91-20-3	
n-Propylbenzene	**8220**	ug/kg	153	54.5	20	10/21/21 16:40	10/21/21 23:23	103-65-1	
Styrene	ND	ug/kg	153	40.4	20	10/21/21 16:40	10/21/21 23:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	153	58.8	20	10/21/21 16:40	10/21/21 23:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	153	40.4	20	10/21/21 16:40	10/21/21 23:23	79-34-5	
Tetrachloroethene	ND	ug/kg	153	48.3	20	10/21/21 16:40	10/21/21 23:23	127-18-4	
Toluene	**66700**	ug/kg	153	43.5	20	10/21/21 16:40	10/21/21 23:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	153	124	20	10/21/21 16:40	10/21/21 23:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	153	129	20	10/21/21 16:40	10/21/21 23:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	153	79.6	20	10/21/21 16:40	10/21/21 23:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	153	50.8	20	10/21/21 16:40	10/21/21 23:23	79-00-5	
Trichloroethene	ND	ug/kg	153	39.5	20	10/21/21 16:40	10/21/21 23:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	153	84.2	20	10/21/21 16:40	10/21/21 23:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	153	77.4	20	10/21/21 16:40	10/21/21 23:23	96-18-4	
1,2,4-Trimethylbenzene	**48700**	ug/kg	153	41.9	20	10/21/21 16:40	10/21/21 23:23	95-63-6	
1,3,5-Trimethylbenzene	**14600**	ug/kg	153	51.4	20	10/21/21 16:40	10/21/21 23:23	108-67-8	
Vinyl acetate	ND	ug/kg	1530	111	20	10/21/21 16:40	10/21/21 23:23	108-05-4	
Vinyl chloride	ND	ug/kg	306	77.7	20	10/21/21 16:40	10/21/21 23:23	75-01-4	
Xylene (Total)	**119000**	ug/kg	306	87.2	20	10/21/21 16:40	10/21/21 23:23	1330-20-7	
m&p-Xylene	**84700**	ug/kg	306	105	20	10/21/21 16:40	10/21/21 23:23	179601-23-1	
o-Xylene	**34400**	ug/kg	153	67.6	20	10/21/21 16:40	10/21/21 23:23	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		20	10/21/21 16:40	10/21/21 23:23	2037-26-5	
4-Bromofluorobenzene (S)	103	%	69-134		20	10/21/21 16:40	10/21/21 23:23	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		20	10/21/21 16:40	10/21/21 23:23	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**19.3**	%	0.10	0.10	1		10/19/21 17:36		N2

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

Sample: RW-88 (34-36) **Lab ID: 92567407002** Collected: 10/18/21 15:45 Received: 10/18/21 17:41 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**16200**	mg/kg	321	321	125	10/21/21 16:55	10/22/21 03:59		N2
Aliphatic (C05-C08)	**9450**	mg/kg	321	321	125	10/21/21 16:55	10/22/21 03:59		N2
Aliphatic(C09-C12) Adjusted	**4850**	mg/kg	321	321	125	10/21/21 16:55	10/22/21 03:59		N2
Aromatic (C09-C10)	**1900**	mg/kg	321	321	125	10/21/21 16:55	10/22/21 03:59		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		125	10/21/21 16:55	10/22/21 03:59	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		125	10/21/21 16:55	10/22/21 03:59	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	103000	33100	1000	10/21/21 16:40	10/22/21 00:18	67-64-1	
Benzene	**332000**	ug/kg	5160	2050	1000	10/21/21 16:40	10/22/21 00:18	71-43-2	
Bromobenzene	ND	ug/kg	5160	1680	1000	10/21/21 16:40	10/22/21 00:18	108-86-1	
Bromochloromethane	ND	ug/kg	5160	1530	1000	10/21/21 16:40	10/22/21 00:18	74-97-5	
Bromodichloromethane	ND	ug/kg	5160	1990	1000	10/21/21 16:40	10/22/21 00:18	75-27-4	
Bromoform	ND	ug/kg	5160	1820	1000	10/21/21 16:40	10/22/21 00:18	75-25-2	
Bromomethane	ND	ug/kg	10300	8150	1000	10/21/21 16:40	10/22/21 00:18	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	103000	24800	1000	10/21/21 16:40	10/22/21 00:18	78-93-3	
n-Butylbenzene	**49100**	ug/kg	5160	2430	1000	10/21/21 16:40	10/22/21 00:18	104-51-8	
sec-Butylbenzene	ND	ug/kg	5160	2270	1000	10/21/21 16:40	10/22/21 00:18	135-98-8	
tert-Butylbenzene	ND	ug/kg	5160	1840	1000	10/21/21 16:40	10/22/21 00:18	98-06-6	
Carbon tetrachloride	ND	ug/kg	5160	1930	1000	10/21/21 16:40	10/22/21 00:18	56-23-5	
Chlorobenzene	ND	ug/kg	5160	990	1000	10/21/21 16:40	10/22/21 00:18	108-90-7	
Chloroethane	ND	ug/kg	10300	3980	1000	10/21/21 16:40	10/22/21 00:18	75-00-3	
Chloroform	ND	ug/kg	5160	3140	1000	10/21/21 16:40	10/22/21 00:18	67-66-3	
Chloromethane	ND	ug/kg	10300	4330	1000	10/21/21 16:40	10/22/21 00:18	74-87-3	
2-Chlorotoluene	ND	ug/kg	5160	1830	1000	10/21/21 16:40	10/22/21 00:18	95-49-8	
4-Chlorotoluene	ND	ug/kg	5160	913	1000	10/21/21 16:40	10/22/21 00:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5160	2000	1000	10/21/21 16:40	10/22/21 00:18	96-12-8	
Dibromochloromethane	ND	ug/kg	5160	2900	1000	10/21/21 16:40	10/22/21 00:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5160	2270	1000	10/21/21 16:40	10/22/21 00:18	106-93-4	
Dibromomethane	ND	ug/kg	5160	1100	1000	10/21/21 16:40	10/22/21 00:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5160	1860	1000	10/21/21 16:40	10/22/21 00:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5160	1600	1000	10/21/21 16:40	10/22/21 00:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5160	1340	1000	10/21/21 16:40	10/22/21 00:18	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10300	2240	1000	10/21/21 16:40	10/22/21 00:18	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5160	2130	1000	10/21/21 16:40	10/22/21 00:18	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5160	3410	1000	10/21/21 16:40	10/22/21 00:18	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5160	2130	1000	10/21/21 16:40	10/22/21 00:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5160	1760	1000	10/21/21 16:40	10/22/21 00:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5160	1810	1000	10/21/21 16:40	10/22/21 00:18	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5160	1550	1000	10/21/21 16:40	10/22/21 00:18	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5160	1610	1000	10/21/21 16:40	10/22/21 00:18	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5160	1680	1000	10/21/21 16:40	10/22/21 00:18	594-20-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

Sample: RW-88 (34-36) **Lab ID: 92567407002** Collected: 10/18/21 15:45 Received: 10/18/21 17:41 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	5160	2480	1000	10/21/21 16:40	10/22/21 00:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5160	1400	1000	10/21/21 16:40	10/22/21 00:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5160	1770	1000	10/21/21 16:40	10/22/21 00:18	10061-02-6	
Diisopropyl ether	**19800**	ug/kg	5160	1390	1000	10/21/21 16:40	10/22/21 00:18	108-20-3	
Ethylbenzene	**793000**	ug/kg	5160	2400	1000	10/21/21 16:40	10/22/21 00:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	10300	8440	1000	10/21/21 16:40	10/22/21 00:18	87-68-3	
2-Hexanone	ND	ug/kg	51600	4970	1000	10/21/21 16:40	10/22/21 00:18	591-78-6	
Isopropylbenzene (Cumene)	**63800**	ug/kg	5160	1750	1000	10/21/21 16:40	10/22/21 00:18	98-82-8	
p-Isopropyltoluene	**48600**	ug/kg	5160	2540	1000	10/21/21 16:40	10/22/21 00:18	99-87-6	
Methylene Chloride	ND	ug/kg	20600	14100	1000	10/21/21 16:40	10/22/21 00:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51600	4970	1000	10/21/21 16:40	10/22/21 00:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5160	1930	1000	10/21/21 16:40	10/22/21 00:18	1634-04-4	
Naphthalene	**135000**	ug/kg	5160	2710	1000	10/21/21 16:40	10/22/21 00:18	91-20-3	
n-Propylbenzene	**228000**	ug/kg	5160	1840	1000	10/21/21 16:40	10/22/21 00:18	103-65-1	
Styrene	ND	ug/kg	5160	1360	1000	10/21/21 16:40	10/22/21 00:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5160	1980	1000	10/21/21 16:40	10/22/21 00:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5160	1360	1000	10/21/21 16:40	10/22/21 00:18	79-34-5	
Tetrachloroethene	ND	ug/kg	5160	1630	1000	10/21/21 16:40	10/22/21 00:18	127-18-4	
Toluene	**3210000**	ug/kg	5160	1470	1000	10/21/21 16:40	10/22/21 00:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5160	4170	1000	10/21/21 16:40	10/22/21 00:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5160	4330	1000	10/21/21 16:40	10/22/21 00:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5160	2680	1000	10/21/21 16:40	10/22/21 00:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5160	1710	1000	10/21/21 16:40	10/22/21 00:18	79-00-5	
Trichloroethene	ND	ug/kg	5160	1330	1000	10/21/21 16:40	10/22/21 00:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5160	2840	1000	10/21/21 16:40	10/22/21 00:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5160	2610	1000	10/21/21 16:40	10/22/21 00:18	96-18-4	
1,2,4-Trimethylbenzene	**1250000**	ug/kg	5160	1410	1000	10/21/21 16:40	10/22/21 00:18	95-63-6	
1,3,5-Trimethylbenzene	**408000**	ug/kg	5160	1730	1000	10/21/21 16:40	10/22/21 00:18	108-67-8	
Vinyl acetate	ND	ug/kg	51600	3760	1000	10/21/21 16:40	10/22/21 00:18	108-05-4	
Vinyl chloride	ND	ug/kg	10300	2620	1000	10/21/21 16:40	10/22/21 00:18	75-01-4	
Xylene (Total)	**4370000**	ug/kg	10300	2940	1000	10/21/21 16:40	10/22/21 00:18	1330-20-7	
m&p-Xylene	**3150000**	ug/kg	10300	3530	1000	10/21/21 16:40	10/22/21 00:18	179601-23-1	
o-Xylene	**1210000**	ug/kg	5160	2280	1000	10/21/21 16:40	10/22/21 00:18	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1000	10/21/21 16:40	10/22/21 00:18	2037-26-5	
4-Bromofluorobenzene (S)	102	%	69-134		1000	10/21/21 16:40	10/22/21 00:18	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1000	10/21/21 16:40	10/22/21 00:18	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**11.3**	%	0.10	0.10	1		10/19/21 17:36		N2

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

QC Batch: 654414
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92567407001, 92567407002

METHOD BLANK: 3431414 Matrix: Solid
Associated Lab Samples: 92567407001, 92567407002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/21/21 18:05	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/21/21 18:05	N2
4-Bromofluorobenzene (FID) (S)	%	106	70-130		10/21/21 18:05	
4-Bromofluorobenzene (PID) (S)	%	106	70-130		10/21/21 18:05	

LABORATORY CONTROL SAMPLE & LCSD: 3431415 3431416

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	14.1	12.9	95	86	70-130	9	25	N2
Aromatic (C09-C10)	mg/kg	5	5.3	4.9	106	99	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	101	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

QC Batch: 654478
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92567407001, 92567407002

METHOD BLANK: 3431819 Matrix: Solid
Associated Lab Samples: 92567407001, 92567407002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/21/21 17:05	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/21/21 17:05	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/21/21 17:05	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/21/21 17:05	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/21/21 17:05	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/21/21 17:05	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/21/21 17:05	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/21/21 17:05	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/21/21 17:05	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/21/21 17:05	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/21/21 17:05	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/21/21 17:05	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/21/21 17:05	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/21/21 17:05	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/21/21 17:05	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/21/21 17:05	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/21/21 17:05	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/21/21 17:05	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/21/21 17:05	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/21/21 17:05	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/21/21 17:05	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
2-Hexanone	ug/kg	ND	50.0	4.8	10/21/21 17:05	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/21/21 17:05	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/21/21 17:05	
Acetone	ug/kg	ND	100	32.1	10/21/21 17:05	
Benzene	ug/kg	ND	5.0	2.0	10/21/21 17:05	
Bromobenzene	ug/kg	ND	5.0	1.6	10/21/21 17:05	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/21/21 17:05	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/21/21 17:05	
Bromoform	ug/kg	ND	5.0	1.8	10/21/21 17:05	
Bromomethane	ug/kg	ND	10.0	7.9	10/21/21 17:05	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/21/21 17:05	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/21/21 17:05	
Chloroethane	ug/kg	ND	10.0	3.9	10/21/21 17:05	
Chloroform	ug/kg	ND	5.0	3.0	10/21/21 17:05	
Chloromethane	ug/kg	ND	10.0	4.2	10/21/21 17:05	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/21/21 17:05	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/21/21 17:05	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

METHOD BLANK: 3431819 Matrix: Solid
Associated Lab Samples: 92567407001, 92567407002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/21/21 17:05	
Dibromomethane	ug/kg	ND	5.0	1.1	10/21/21 17:05	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/21/21 17:05	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/21/21 17:05	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/21/21 17:05	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/21/21 17:05	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/21/21 17:05	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/21/21 17:05	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/21/21 17:05	
Methylene Chloride	ug/kg	ND	20.0	13.7	10/21/21 17:05	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/21/21 17:05	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
Naphthalene	ug/kg	ND	5.0	2.6	10/21/21 17:05	
o-Xylene	ug/kg	ND	5.0	2.2	10/21/21 17:05	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/21/21 17:05	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/21/21 17:05	
Styrene	ug/kg	ND	5.0	1.3	10/21/21 17:05	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/21/21 17:05	
Toluene	ug/kg	ND	5.0	1.4	10/21/21 17:05	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/21/21 17:05	
Trichloroethene	ug/kg	ND	5.0	1.3	10/21/21 17:05	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/21/21 17:05	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/21/21 17:05	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/21/21 17:05	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/21/21 17:05	
1,2-Dichloroethane-d4 (S)	%	104	70-130		10/21/21 17:05	
4-Bromofluorobenzene (S)	%	104	69-134		10/21/21 17:05	
Toluene-d8 (S)	%	98	70-130		10/21/21 17:05	

LABORATORY CONTROL SAMPLE: 3431820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1170	94	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1240	99	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1170	94	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1210	97	70-130	
1,1-Dichloroethane	ug/kg	1250	1300	104	70-130	
1,1-Dichloroethene	ug/kg	1250	1340	107	70-130	
1,1-Dichloropropene	ug/kg	1250	1250	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1190	95	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1170	94	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1190	95	68-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

LABORATORY CONTROL SAMPLE: 3431820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1160	93	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1280	103	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1180	94	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1150	92	70-130	
1,2-Dichloroethane	ug/kg	1250	1180	94	63-130	
1,2-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	95	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1160	93	70-130	
1,3-Dichloropropane	ug/kg	1250	1150	92	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1150	92	70-130	
2,2-Dichloropropane	ug/kg	1250	1250	100	66-130	
2-Butanone (MEK)	ug/kg	2500	2430	97	70-130	
2-Chlorotoluene	ug/kg	1250	1170	93	70-130	
2-Hexanone	ug/kg	2500	2310	93	70-130	
4-Chlorotoluene	ug/kg	1250	1150	92	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2400	96	70-130	
Acetone	ug/kg	2500	2110	85	69-130	
Benzene	ug/kg	1250	1210	97	70-130	
Bromobenzene	ug/kg	1250	1180	94	70-130	
Bromochloromethane	ug/kg	1250	1290	103	70-130	
Bromodichloromethane	ug/kg	1250	1230	98	69-130	
Bromoform	ug/kg	1250	1260	101	70-130	
Bromomethane	ug/kg	1250	1510	121	52-130	IK
Carbon tetrachloride	ug/kg	1250	1270	102	70-130	
Chlorobenzene	ug/kg	1250	1140	91	70-130	
Chloroethane	ug/kg	1250	1410	113	65-130	
Chloroform	ug/kg	1250	1250	100	70-130	
Chloromethane	ug/kg	1250	1240	99	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	99	70-130	
Dibromochloromethane	ug/kg	1250	1240	100	70-130	
Dibromomethane	ug/kg	1250	1260	101	70-130	
Dichlorodifluoromethane	ug/kg	1250	1340	107	45-156	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1090	87	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1190	95	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1180	95	70-130	
m&p-Xylene	ug/kg	2500	2310	92	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1210	96	70-130	
Methylene Chloride	ug/kg	1250	1120	90	65-130	
n-Butylbenzene	ug/kg	1250	1170	94	67-130	
n-Propylbenzene	ug/kg	1250	1160	93	70-130	
Naphthalene	ug/kg	1250	1160	93	70-130	
o-Xylene	ug/kg	1250	1150	92	70-130	
p-Isopropyltoluene	ug/kg	1250	1170	94	67-130	
sec-Butylbenzene	ug/kg	1250	1160	93	69-130	
Styrene	ug/kg	1250	1210	97	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

LABORATORY CONTROL SAMPLE: 3431820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1170	93	67-130	
Tetrachloroethene	ug/kg	1250	1190	95	70-130	
Toluene	ug/kg	1250	1180	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1320	105	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1220	98	68-130	
Trichloroethene	ug/kg	1250	1210	97	70-130	
Trichlorofluoromethane	ug/kg	1250	1240	99	70-130	
Vinyl acetate	ug/kg	2500	2490	100	70-130	
Vinyl chloride	ug/kg	1250	1300	104	61-130	
Xylene (Total)	ug/kg	3750	3460	92	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			102	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3431821 3431822

Parameter	Units	92567407001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	15400	15400	15000	16500	98	108	70-131	9	30	
1,1,1-Trichloroethane	ug/kg	ND	15400	15400	16400	18100	107	118	65-133	10	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	15400	15400	15200	16900	100	110	66-130	10	30	
1,1,2-Trichloroethane	ug/kg	ND	15400	15400	16000	18000	105	118	66-133	11	30	
1,1-Dichloroethane	ug/kg	ND	15400	15400	17200	18800	112	123	65-130	9	30	
1,1-Dichloroethene	ug/kg	ND	15400	15400	17900	19700	117	129	10-158	9	30	
1,1-Dichloropropene	ug/kg	ND	15400	15400	16800	18500	110	121	68-133	10	30	
1,2,3-Trichlorobenzene	ug/kg	ND	15400	15400	15100	16500	98	108	27-138	9	30	
1,2,3-Trichloropropane	ug/kg	ND	15400	15400	14900	16700	97	109	67-130	11	30	
1,2,4-Trichlorobenzene	ug/kg	ND	15400	15400	14900	16300	98	107	51-134	9	30	
1,2,4-Trimethylbenzene	ug/kg	48700	15400	15400	66700	67500	118	123	63-136	1	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	15400	15400	15500	17300	101	113	32-130	11	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	15400	15400	15200	16700	99	109	70-130	10	30	
1,2-Dichlorobenzene	ug/kg	ND	15400	15400	14800	16100	97	105	69-130	8	30	
1,2-Dichloroethane	ug/kg	ND	15400	15400	15300	16400	100	107	59-130	7	30	
1,2-Dichloropropane	ug/kg	ND	15400	15400	16200	17800	106	116	70-130	10	30	
1,3,5-Trimethylbenzene	ug/kg	14600	15400	15400	31200	32700	109	119	65-137	5	30	
1,3-Dichlorobenzene	ug/kg	ND	15400	15400	14700	16000	96	105	70-130	8	30	
1,3-Dichloropropane	ug/kg	ND	15400	15400	15000	16500	98	108	70-130	9	30	
1,4-Dichlorobenzene	ug/kg	ND	15400	15400	14700	16000	96	105	68-130	8	30	
2,2-Dichloropropane	ug/kg	ND	15400	15400	15700	17100	102	112	32-130	9	30	
2-Butanone (MEK)	ug/kg	ND	30600	30600	32400	36400	106	119	10-136	12	30	
2-Chlorotoluene	ug/kg	ND	15400	15400	16600	18000	109	117	69-141	8	30	
2-Hexanone	ug/kg	ND	30600	30600	31100	34800	102	114	10-144	11	30	
4-Chlorotoluene	ug/kg	ND	15400	15400	15300	16500	100	108	70-132	7	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	1630	30600	30600	31900	35900	99	112	25-143	12	30	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3431821 3431822

Parameter	Units	92567407001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/kg	2460J	30600	30600	27900	31800	83	96	10-130	13	30	
Benzene	ug/kg	6510	15400	15400	22700	24300	106	116	67-130	7	30	
Bromobenzene	ug/kg	ND	15400	15400	15100	16600	99	109	70-130	9	30	
Bromochloromethane	ug/kg	ND	15400	15400	16500	18100	108	118	69-134	9	30	
Bromodichloromethane	ug/kg	ND	15400	15400	15400	16900	101	111	64-130	10	30	
Bromoform	ug/kg	ND	15400	15400	14900	16800	97	110	62-130	12	30	
Bromomethane	ug/kg	ND	15400	15400	15000	16200	98	106	20-176	7	30	IK
Carbon tetrachloride	ug/kg	ND	15400	15400	16800	18700	110	122	65-140	10	30	
Chlorobenzene	ug/kg	ND	15400	15400	15400	16700	100	109	70-130	9	30	
Chloroethane	ug/kg	ND	15400	15400	17200	19000	113	124	10-130	10	30	
Chloroform	ug/kg	ND	15400	15400	16200	17600	106	115	63-130	8	30	
Chloromethane	ug/kg	ND	15400	15400	16700	18200	109	119	58-130	8	30	
cis-1,2-Dichloroethene	ug/kg	ND	15400	15400	16500	18000	108	118	66-130	9	30	
cis-1,3-Dichloropropene	ug/kg	ND	15400	15400	15600	17200	102	113	67-130	10	30	
Dibromochloromethane	ug/kg	ND	15400	15400	15300	16700	100	109	67-130	8	30	
Dibromomethane	ug/kg	ND	15400	15400	15800	17500	103	114	63-131	10	30	
Dichlorodifluoromethane	ug/kg	ND	15400	15400	18800	20800	123	136	44-180	10	30	
Diisopropyl ether	ug/kg	364	15400	15400	15800	17400	101	111	63-130	10	30	
Ethylbenzene	ug/kg	20900	15400	15400	36000	37400	99	108	66-130	4	30	
Hexachloro-1,3-butadiene	ug/kg	ND	15400	15400	15800	17600	103	115	64-150	11	30	
Isopropylbenzene (Cumene)	ug/kg	2280	15400	15400	18300	19900	105	115	69-135	8	30	
m&p-Xylene	ug/kg	84700	30600	30600	117000	120000	106	114	60-133	2	30	
Methyl-tert-butyl ether	ug/kg	ND	15400	15400	15100	16600	99	109	65-130	10	30	
Methylene Chloride	ug/kg	ND	15400	15400	14600	16100	95	105	61-130	10	30	
n-Butylbenzene	ug/kg	2530	15400	15400	18900	20500	107	117	65-140	8	30	
n-Propylbenzene	ug/kg	8220	15400	15400	23500	24700	100	108	67-140	5	30	
Naphthalene	ug/kg	6270	15400	15400	21500	23300	99	112	15-145	8	30	
o-Xylene	ug/kg	34400	15400	15400	50500	52300	105	117	66-133	3	30	
p-Isopropyltoluene	ug/kg	2280	15400	15400	17900	19300	102	111	56-147	7	30	
sec-Butylbenzene	ug/kg	ND	15400	15400	16500	17700	108	116	65-139	7	30	
Styrene	ug/kg	ND	15400	15400	16100	18300	105	120	70-132	13	30	
tert-Butylbenzene	ug/kg	ND	15400	15400	14700	15700	96	103	62-135	6	30	
Tetrachloroethene	ug/kg	ND	15400	15400	15600	16900	102	110	70-135	8	30	
Toluene	ug/kg	66700	15400	15400	84000	86600	113	130	67-130	3	30	
trans-1,2-Dichloroethene	ug/kg	ND	15400	15400	17400	19300	113	126	69-130	10	30	
trans-1,3-Dichloropropene	ug/kg	ND	15400	15400	15000	16400	98	107	62-130	9	30	
Trichloroethene	ug/kg	ND	15400	15400	16400	18100	107	118	70-135	10	30	
Trichlorofluoromethane	ug/kg	ND	15400	15400	16800	18700	110	122	10-130	11	30	
Vinyl acetate	ug/kg	ND	30600	30600	30600	34200	100	112	53-130	11	30	
Vinyl chloride	ug/kg	ND	15400	15400	18000	19900	118	130	61-148	10	30	
Xylene (Total)	ug/kg	119000	46000	46000	168000	172000	106	115	63-132	3	30	
1,2-Dichloroethane-d4 (S)	%						97	97	70-130			
4-Bromofluorobenzene (S)	%						103	103	69-134			
Toluene-d8 (S)	%						99	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

QC Batch: 653884
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92567407001, 92567407002

SAMPLE DUPLICATE: 3428869

Parameter	Units	92567059004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.0	4.1	3	25	N2

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QUALIFIERS

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE/CPC 21018
Pace Project No.: 92567407

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92567407001	**RW-88 (12-14)**	MADEP VPH	654414	MADEP VPH	654533
92567407002	**RW-88 (34-36)**	MADEP VPH	654414	MADEP VPH	654533
92567407001	**RW-88 (12-14)**	EPA 5035A/5030B	654478	EPA 8260D	654495
92567407002	**RW-88 (34-36)**	EPA 5035A/5030B	654478	EPA 8260D	654495
92567407001	**RW-88 (12-14)**	SW-846	653884		
92567407002	**RW-88 (34-36)**	SW-846	653884		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 92567407

92567407

Company: APEX COMPANIES, LLC	Billing Information:
Address: 5900 NORTHWOODS BUSINESS PKWY	
Report To: ANDREW SHEET TOM NEUMANN	Email To:
Copy To: JOHN SOREEKER	Site Collection Info/Address:
Customer Project Name/Number: CPC HENDERSVILLE / CPC21018	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [X] No
Collected By (print): CHRIS REEVES	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STANDARDS Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	MADEP VPH	VOCs BY 8260 D	Lab Sample # / Comments
RW-88 (12-14)	SOIL	GRAB	10.15.21	1540				3	X	X	001
RW-88 (24-36)	SOIL	GRAB	10.15.21	1545				3	X	X	002

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N (NA)
Custody Signatures Present	(Y) N NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	Y N (NA)
USDA Regulated Soils	Y (N) NA
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips: _____	
Sample pH Acceptable	Y N (NA)
pH Strips: _____	
Sulfide Present	Y N (NA)
Lead Acetate Strips: _____	

LAB USE ONLY:

Lab Sample # / Comments:

92567407

Customer Remarks / Special Conditions / Possible Hazards:	Type of Ice Used: (Wet) Blue Dry None	SHORT HOLDS PRESENT (<72 hours): Y (N) N/A
	Packing Material Used:	Lab Tracking #: 2546882
	Radchem sample(s) screened (<500 cpm): Y N (NA)	Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: 92T064

Cooler 1 Temp Upon Receipt: 5.8 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 5.8 oC

Comments:

Relinquished by/Company: (Signature) APEX	Date/Time: 10.15.21 1741	Received by/Company: (Signature) MDLabs HVL	Date/Time: 10.18.21 1741
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y (N) NA

HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 25, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 19, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

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Huntersville, NC 28078
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CERTIFICATIONS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92567704001	**RW-89 (22-24)**	Solid	10/19/21 14:00	10/19/21 17:52
92567704002	**RW-89 (32-34)**	Solid	10/19/21 14:05	10/19/21 17:52

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92567704001	**RW-89 (22-24)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92567704002	**RW-89 (32-34)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

Sample: RW-89 (22-24) **Lab ID: 92567704001** Collected: 10/19/21 14:00 Received: 10/19/21 17:52 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**9460**	mg/kg	66.6	66.6	20	10/21/21 17:48	10/22/21 12:00		N2
Aliphatic (C05-C08)	**5790**	mg/kg	66.6	66.6	20	10/21/21 17:48	10/22/21 12:00		N2
Aliphatic(C09-C12) Adjusted	**2620**	mg/kg	66.6	66.6	20	10/21/21 17:48	10/22/21 12:00		N2
Aromatic (C09-C10)	**1050**	mg/kg	66.6	66.6	20	10/21/21 17:48	10/22/21 12:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	149	%	70-130		20	10/21/21 17:48	10/22/21 12:00	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	102	%	70-130		20	10/21/21 17:48	10/22/21 12:00	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	36400	11700	250	10/21/21 16:40	10/21/21 23:41	67-64-1	
Benzene	**56800**	ug/kg	1820	724	250	10/21/21 16:40	10/21/21 23:41	71-43-2	
Bromobenzene	ND	ug/kg	1820	593	250	10/21/21 16:40	10/21/21 23:41	108-86-1	
Bromochloromethane	ND	ug/kg	1820	539	250	10/21/21 16:40	10/21/21 23:41	74-97-5	
Bromodichloromethane	ND	ug/kg	1820	702	250	10/21/21 16:40	10/21/21 23:41	75-27-4	
Bromoform	ND	ug/kg	1820	640	250	10/21/21 16:40	10/21/21 23:41	75-25-2	
Bromomethane	ND	ug/kg	3640	2870	250	10/21/21 16:40	10/21/21 23:41	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	36400	8730	250	10/21/21 16:40	10/21/21 23:41	78-93-3	
n-Butylbenzene	**21900**	ug/kg	1820	859	250	10/21/21 16:40	10/21/21 23:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	1820	801	250	10/21/21 16:40	10/21/21 23:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	1820	648	250	10/21/21 16:40	10/21/21 23:41	98-06-6	
Carbon tetrachloride	ND	ug/kg	1820	681	250	10/21/21 16:40	10/21/21 23:41	56-23-5	
Chlorobenzene	ND	ug/kg	1820	349	250	10/21/21 16:40	10/21/21 23:41	108-90-7	
Chloroethane	ND	ug/kg	3640	1400	250	10/21/21 16:40	10/21/21 23:41	75-00-3	
Chloroform	ND	ug/kg	1820	1110	250	10/21/21 16:40	10/21/21 23:41	67-66-3	
Chloromethane	ND	ug/kg	3640	1530	250	10/21/21 16:40	10/21/21 23:41	74-87-3	
2-Chlorotoluene	ND	ug/kg	1820	644	250	10/21/21 16:40	10/21/21 23:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	1820	322	250	10/21/21 16:40	10/21/21 23:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1820	706	250	10/21/21 16:40	10/21/21 23:41	96-12-8	
Dibromochloromethane	ND	ug/kg	1820	1020	250	10/21/21 16:40	10/21/21 23:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	1820	801	250	10/21/21 16:40	10/21/21 23:41	106-93-4	
Dibromomethane	ND	ug/kg	1820	389	250	10/21/21 16:40	10/21/21 23:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	1820	655	250	10/21/21 16:40	10/21/21 23:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1820	564	250	10/21/21 16:40	10/21/21 23:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1820	473	250	10/21/21 16:40	10/21/21 23:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3640	790	250	10/21/21 16:40	10/21/21 23:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	1820	750	250	10/21/21 16:40	10/21/21 23:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	1820	1200	250	10/21/21 16:40	10/21/21 23:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	1820	750	250	10/21/21 16:40	10/21/21 23:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	1820	622	250	10/21/21 16:40	10/21/21 23:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	1820	637	250	10/21/21 16:40	10/21/21 23:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	1820	546	250	10/21/21 16:40	10/21/21 23:41	78-87-5	
1,3-Dichloropropane	ND	ug/kg	1820	568	250	10/21/21 16:40	10/21/21 23:41	142-28-9	
2,2-Dichloropropane	ND	ug/kg	1820	593	250	10/21/21 16:40	10/21/21 23:41	594-20-7	

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

Sample: RW-89 (22-24) **Lab ID: 92567704001** Collected: 10/19/21 14:00 Received: 10/19/21 17:52 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	1820	873	250	10/21/21 16:40	10/21/21 23:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	1820	495	250	10/21/21 16:40	10/21/21 23:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1820	626	250	10/21/21 16:40	10/21/21 23:41	10061-02-6	
Diisopropyl ether	**3050**	ug/kg	1820	491	250	10/21/21 16:40	10/21/21 23:41	108-20-3	
Ethylbenzene	**227000**	ug/kg	1820	848	250	10/21/21 16:40	10/21/21 23:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3640	2980	250	10/21/21 16:40	10/21/21 23:41	87-68-3	
2-Hexanone	ND	ug/kg	18200	1750	250	10/21/21 16:40	10/21/21 23:41	591-78-6	
Isopropylbenzene (Cumene)	**21100**	ug/kg	1820	619	250	10/21/21 16:40	10/21/21 23:41	98-82-8	
p-Isopropyltoluene	**18700**	ug/kg	1820	895	250	10/21/21 16:40	10/21/21 23:41	99-87-6	
Methylene Chloride	ND	ug/kg	7280	4990	250	10/21/21 16:40	10/21/21 23:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**14000J**	ug/kg	18200	1750	250	10/21/21 16:40	10/21/21 23:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1820	681	250	10/21/21 16:40	10/21/21 23:41	1634-04-4	
Naphthalene	**44200**	ug/kg	1820	957	250	10/21/21 16:40	10/21/21 23:41	91-20-3	
n-Propylbenzene	**80700**	ug/kg	1820	648	250	10/21/21 16:40	10/21/21 23:41	103-65-1	
Styrene	ND	ug/kg	1820	480	250	10/21/21 16:40	10/21/21 23:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	1820	699	250	10/21/21 16:40	10/21/21 23:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1820	480	250	10/21/21 16:40	10/21/21 23:41	79-34-5	
Tetrachloroethene	ND	ug/kg	1820	575	250	10/21/21 16:40	10/21/21 23:41	127-18-4	
Toluene	**855000**	ug/kg	1820	517	250	10/21/21 16:40	10/21/21 23:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	1820	1470	250	10/21/21 16:40	10/21/21 23:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	1820	1530	250	10/21/21 16:40	10/21/21 23:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1820	946	250	10/21/21 16:40	10/21/21 23:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	1820	604	250	10/21/21 16:40	10/21/21 23:41	79-00-5	
Trichloroethene	ND	ug/kg	1820	469	250	10/21/21 16:40	10/21/21 23:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1820	1000	250	10/21/21 16:40	10/21/21 23:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	1820	921	250	10/21/21 16:40	10/21/21 23:41	96-18-4	
1,2,4-Trimethylbenzene	**447000**	ug/kg	1820	499	250	10/21/21 16:40	10/21/21 23:41	95-63-6	
1,3,5-Trimethylbenzene	**131000**	ug/kg	1820	611	250	10/21/21 16:40	10/21/21 23:41	108-67-8	
Vinyl acetate	ND	ug/kg	18200	1320	250	10/21/21 16:40	10/21/21 23:41	108-05-4	
Vinyl chloride	ND	ug/kg	3640	924	250	10/21/21 16:40	10/21/21 23:41	75-01-4	
Xylene (Total)	**1220000**	ug/kg	3640	1040	250	10/21/21 16:40	10/21/21 23:41	1330-20-7	
m&p-Xylene	**887000**	ug/kg	3640	1240	250	10/21/21 16:40	10/21/21 23:41	179601-23-1	
o-Xylene	**333000**	ug/kg	1820	804	250	10/21/21 16:40	10/21/21 23:41	95-47-6	
Surrogates									
Toluene-d8 (S)	97	%	70-130		250	10/21/21 16:40	10/21/21 23:41	2037-26-5	
4-Bromofluorobenzene (S)	103	%	69-134		250	10/21/21 16:40	10/21/21 23:41	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		250	10/21/21 16:40	10/21/21 23:41	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**14.2**	%	0.10	0.10	1		10/20/21 14:18		N2

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

Sample: RW-89 (32-34) **Lab ID: 92567704002** Collected: 10/19/21 14:05 Received: 10/19/21 17:52 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**4160**	mg/kg	57.3	57.3	20	10/21/21 17:48	10/22/21 12:28		N2
Aliphatic (C05-C08)	**1820**	mg/kg	57.3	57.3	20	10/21/21 17:48	10/22/21 12:28		N2
Aliphatic(C09-C12) Adjusted	**1670**	mg/kg	57.3	57.3	20	10/21/21 17:48	10/22/21 12:28		N2
Aromatic (C09-C10)	**670**	mg/kg	57.3	57.3	20	10/21/21 17:48	10/22/21 12:28		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	131	%	70-130		20	10/21/21 17:48	10/22/21 12:28	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	99	%	70-130		20	10/21/21 17:48	10/22/21 12:28	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	5750	1850	50	10/20/21 17:46	10/20/21 22:33	67-64-1	
Benzene	**13300**	ug/kg	288	114	50	10/20/21 17:46	10/20/21 22:33	71-43-2	
Bromobenzene	ND	ug/kg	288	93.8	50	10/20/21 17:46	10/20/21 22:33	108-86-1	
Bromochloromethane	ND	ug/kg	288	85.1	50	10/20/21 17:46	10/20/21 22:33	74-97-5	
Bromodichloromethane	ND	ug/kg	288	111	50	10/20/21 17:46	10/20/21 22:33	75-27-4	
Bromoform	ND	ug/kg	288	101	50	10/20/21 17:46	10/20/21 22:33	75-25-2	
Bromomethane	ND	ug/kg	575	454	50	10/20/21 17:46	10/20/21 22:33	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	5750	1380	50	10/20/21 17:46	10/20/21 22:33	78-93-3	
n-Butylbenzene	**13100**	ug/kg	288	136	50	10/20/21 17:46	10/20/21 22:33	104-51-8	
sec-Butylbenzene	ND	ug/kg	288	127	50	10/20/21 17:46	10/20/21 22:33	135-98-8	
tert-Butylbenzene	ND	ug/kg	288	102	50	10/20/21 17:46	10/20/21 22:33	98-06-6	
Carbon tetrachloride	ND	ug/kg	288	108	50	10/20/21 17:46	10/20/21 22:33	56-23-5	
Chlorobenzene	**321**	ug/kg	288	55.2	50	10/20/21 17:46	10/20/21 22:33	108-90-7	
Chloroethane	ND	ug/kg	575	222	50	10/20/21 17:46	10/20/21 22:33	75-00-3	
Chloroform	ND	ug/kg	288	175	50	10/20/21 17:46	10/20/21 22:33	67-66-3	
Chloromethane	ND	ug/kg	575	242	50	10/20/21 17:46	10/20/21 22:33	74-87-3	
2-Chlorotoluene	ND	ug/kg	288	102	50	10/20/21 17:46	10/20/21 22:33	95-49-8	
4-Chlorotoluene	ND	ug/kg	288	50.9	50	10/20/21 17:46	10/20/21 22:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	288	112	50	10/20/21 17:46	10/20/21 22:33	96-12-8	
Dibromochloromethane	ND	ug/kg	288	162	50	10/20/21 17:46	10/20/21 22:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	288	127	50	10/20/21 17:46	10/20/21 22:33	106-93-4	
Dibromomethane	ND	ug/kg	288	61.6	50	10/20/21 17:46	10/20/21 22:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	288	104	50	10/20/21 17:46	10/20/21 22:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	288	89.2	50	10/20/21 17:46	10/20/21 22:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	288	74.8	50	10/20/21 17:46	10/20/21 22:33	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	575	125	50	10/20/21 17:46	10/20/21 22:33	75-71-8	
1,1-Dichloroethane	ND	ug/kg	288	119	50	10/20/21 17:46	10/20/21 22:33	75-34-3	
1,2-Dichloroethane	ND	ug/kg	288	190	50	10/20/21 17:46	10/20/21 22:33	107-06-2	
1,1-Dichloroethene	ND	ug/kg	288	119	50	10/20/21 17:46	10/20/21 22:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	288	98.4	50	10/20/21 17:46	10/20/21 22:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	288	101	50	10/20/21 17:46	10/20/21 22:33	156-60-5	
1,2-Dichloropropane	ND	ug/kg	288	86.3	50	10/20/21 17:46	10/20/21 22:33	78-87-5	
1,3-Dichloropropane	ND	ug/kg	288	89.7	50	10/20/21 17:46	10/20/21 22:33	142-28-9	
2,2-Dichloropropane	ND	ug/kg	288	93.8	50	10/20/21 17:46	10/20/21 22:33	594-20-7	

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

Sample: RW-89 (32-34) **Lab ID: 92567704002** Collected: 10/19/21 14:05 Received: 10/19/21 17:52 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	288	138	50	10/20/21 17:46	10/20/21 22:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	288	78.2	50	10/20/21 17:46	10/20/21 22:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	288	98.9	50	10/20/21 17:46	10/20/21 22:33	10061-02-6	
Diisopropyl ether	**879**	ug/kg	288	77.7	50	10/20/21 17:46	10/20/21 22:33	108-20-3	
Ethylbenzene	**112000**	ug/kg	288	134	50	10/20/21 17:46	10/20/21 22:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	575	471	50	10/20/21 17:46	10/20/21 22:33	87-68-3	
2-Hexanone	ND	ug/kg	2880	277	50	10/20/21 17:46	10/20/21 22:33	591-78-6	
Isopropylbenzene (Cumene)	**12400**	ug/kg	288	97.8	50	10/20/21 17:46	10/20/21 22:33	98-82-8	
p-Isopropyltoluene	**12300**	ug/kg	288	142	50	10/20/21 17:46	10/20/21 22:33	99-87-6	
Methylene Chloride	ND	ug/kg	1150	788	50	10/20/21 17:46	10/20/21 22:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	**9370**	ug/kg	2880	277	50	10/20/21 17:46	10/20/21 22:33	108-10-1	
Methyl-tert-butyl ether	**214J**	ug/kg	288	108	50	10/20/21 17:46	10/20/21 22:33	1634-04-4	
Naphthalene	**30800**	ug/kg	288	151	50	10/20/21 17:46	10/20/21 22:33	91-20-3	
n-Propylbenzene	**45900**	ug/kg	288	102	50	10/20/21 17:46	10/20/21 22:33	103-65-1	
Styrene	ND	ug/kg	288	75.9	50	10/20/21 17:46	10/20/21 22:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	288	110	50	10/20/21 17:46	10/20/21 22:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	288	75.9	50	10/20/21 17:46	10/20/21 22:33	79-34-5	
Tetrachloroethene	ND	ug/kg	288	90.9	50	10/20/21 17:46	10/20/21 22:33	127-18-4	
Toluene	**266000**	ug/kg	288	81.7	50	10/20/21 17:46	10/20/21 22:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	288	232	50	10/20/21 17:46	10/20/21 22:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	288	242	50	10/20/21 17:46	10/20/21 22:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	288	150	50	10/20/21 17:46	10/20/21 22:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	288	95.5	50	10/20/21 17:46	10/20/21 22:33	79-00-5	
Trichloroethene	ND	ug/kg	288	74.2	50	10/20/21 17:46	10/20/21 22:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	288	158	50	10/20/21 17:46	10/20/21 22:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	288	146	50	10/20/21 17:46	10/20/21 22:33	96-18-4	
1,2,4-Trimethylbenzene	**261000**	ug/kg	288	78.8	50	10/20/21 17:46	10/20/21 22:33	95-63-6	
1,3,5-Trimethylbenzene	**77900**	ug/kg	288	96.6	50	10/20/21 17:46	10/20/21 22:33	108-67-8	
Vinyl acetate	ND	ug/kg	2880	209	50	10/20/21 17:46	10/20/21 22:33	108-05-4	
Vinyl chloride	ND	ug/kg	575	146	50	10/20/21 17:46	10/20/21 22:33	75-01-4	
Xylene (Total)	**640000**	ug/kg	575	164	50	10/20/21 17:46	10/20/21 22:33	1330-20-7	
m&p-Xylene	**449000**	ug/kg	575	197	50	10/20/21 17:46	10/20/21 22:33	179601-23-1	
o-Xylene	**191000**	ug/kg	288	127	50	10/20/21 17:46	10/20/21 22:33	95-47-6	
Surrogates									
Toluene-d8 (S)	97	%	70-130		50	10/20/21 17:46	10/20/21 22:33	2037-26-5	
4-Bromofluorobenzene (S)	103	%	69-134		50	10/20/21 17:46	10/20/21 22:33	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		50	10/20/21 17:46	10/20/21 22:33	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**10.3**	%	0.10	0.10	1		10/20/21 14:18		N2

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

QC Batch: 654415
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92567704001, 92567704002

METHOD BLANK: 3431419 Matrix: Solid
Associated Lab Samples: 92567704001, 92567704002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/21/21 18:33	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/21/21 18:33	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		10/21/21 18:33	
4-Bromofluorobenzene (PID) (S)	%	103	70-130		10/21/21 18:33	

LABORATORY CONTROL SAMPLE & LCSD: 3431420 3431421

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	14.1	14.0	94	94	70-130	1	25	N2
Aromatic (C09-C10)	mg/kg	5	5.2	5.2	105	104	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				107	103	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

QC Batch: 654199
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92567704002

METHOD BLANK: 3430338 Matrix: Solid
Associated Lab Samples: 92567704002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/20/21 18:15	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/20/21 18:15	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/20/21 18:15	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/20/21 18:15	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/20/21 18:15	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/20/21 18:15	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/20/21 18:15	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/20/21 18:15	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/20/21 18:15	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/20/21 18:15	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/20/21 18:15	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/20/21 18:15	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/20/21 18:15	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/20/21 18:15	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/20/21 18:15	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/20/21 18:15	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/20/21 18:15	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/20/21 18:15	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/20/21 18:15	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/20/21 18:15	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/20/21 18:15	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/20/21 18:15	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/20/21 18:15	
2-Hexanone	ug/kg	ND	50.0	4.8	10/20/21 18:15	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/20/21 18:15	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/20/21 18:15	
Acetone	ug/kg	ND	100	32.1	10/20/21 18:15	
Benzene	ug/kg	ND	5.0	2.0	10/20/21 18:15	
Bromobenzene	ug/kg	ND	5.0	1.6	10/20/21 18:15	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/20/21 18:15	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/20/21 18:15	
Bromoform	ug/kg	ND	5.0	1.8	10/20/21 18:15	
Bromomethane	ug/kg	ND	10.0	7.9	10/20/21 18:15	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/20/21 18:15	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/20/21 18:15	
Chloroethane	ug/kg	ND	10.0	3.9	10/20/21 18:15	
Chloroform	ug/kg	ND	5.0	3.0	10/20/21 18:15	
Chloromethane	ug/kg	ND	10.0	4.2	10/20/21 18:15	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/20/21 18:15	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/20/21 18:15	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

METHOD BLANK: 3430338 Matrix: Solid
Associated Lab Samples: 92567704002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/20/21 18:15	
Dibromomethane	ug/kg	ND	5.0	1.1	10/20/21 18:15	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/20/21 18:15	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/20/21 18:15	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/20/21 18:15	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/20/21 18:15	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/20/21 18:15	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/20/21 18:15	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/20/21 18:15	
Methylene Chloride	ug/kg	ND	20.0	13.7	10/20/21 18:15	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/20/21 18:15	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/20/21 18:15	
Naphthalene	ug/kg	ND	5.0	2.6	10/20/21 18:15	
o-Xylene	ug/kg	ND	5.0	2.2	10/20/21 18:15	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/20/21 18:15	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/20/21 18:15	
Styrene	ug/kg	ND	5.0	1.3	10/20/21 18:15	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/20/21 18:15	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/20/21 18:15	
Toluene	ug/kg	ND	5.0	1.4	10/20/21 18:15	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/20/21 18:15	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/20/21 18:15	
Trichloroethene	ug/kg	ND	5.0	1.3	10/20/21 18:15	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/20/21 18:15	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/20/21 18:15	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/20/21 18:15	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/20/21 18:15	
1,2-Dichloroethane-d4 (S)	%	105	70-130		10/20/21 18:15	
4-Bromofluorobenzene (S)	%	102	69-134		10/20/21 18:15	
Toluene-d8 (S)	%	99	70-130		10/20/21 18:15	

LABORATORY CONTROL SAMPLE: 3430339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1280	102	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1300	104	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1290	103	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1350	108	70-130	
1,1-Dichloroethane	ug/kg	1250	1360	109	70-130	
1,1-Dichloroethene	ug/kg	1250	1390	111	70-130	
1,1-Dichloropropene	ug/kg	1250	1320	106	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1330	106	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1300	104	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1330	106	68-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

LABORATORY CONTROL SAMPLE: 3430339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1260	101	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1390	111	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1310	105	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1250	100	70-130	
1,2-Dichloroethane	ug/kg	1250	1250	100	63-130	
1,2-Dichloropropane	ug/kg	1250	1370	109	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1290	103	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1220	98	70-130	
1,3-Dichloropropane	ug/kg	1250	1270	101	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1270	101	70-130	
2,2-Dichloropropane	ug/kg	1250	1320	105	66-130	
2-Butanone (MEK)	ug/kg	2500	2610	104	70-130	
2-Chlorotoluene	ug/kg	1250	1280	102	70-130	
2-Hexanone	ug/kg	2500	2570	103	70-130	
4-Chlorotoluene	ug/kg	1250	1230	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2680	107	70-130	
Acetone	ug/kg	2500	2260	91	69-130	
Benzene	ug/kg	1250	1310	105	70-130	
Bromobenzene	ug/kg	1250	1290	103	70-130	
Bromochloromethane	ug/kg	1250	1380	110	70-130	
Bromodichloromethane	ug/kg	1250	1340	107	69-130	
Bromoform	ug/kg	1250	1380	110	70-130	
Bromomethane	ug/kg	1250	1510	121	52-130	IK
Carbon tetrachloride	ug/kg	1250	1390	111	70-130	
Chlorobenzene	ug/kg	1250	1230	99	70-130	
Chloroethane	ug/kg	1250	1460	117	65-130	
Chloroform	ug/kg	1250	1320	105	70-130	
Chloromethane	ug/kg	1250	1260	101	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1320	106	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1350	108	70-130	
Dibromochloromethane	ug/kg	1250	1360	109	70-130	
Dibromomethane	ug/kg	1250	1380	110	70-130	
Dichlorodifluoromethane	ug/kg	1250	1310	105	45-156	
Diisopropyl ether	ug/kg	1250	1280	102	70-130	
Ethylbenzene	ug/kg	1250	1180	95	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1340	107	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1280	103	70-130	
m&p-Xylene	ug/kg	2500	2480	99	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1300	104	70-130	
Methylene Chloride	ug/kg	1250	1180	94	65-130	
n-Butylbenzene	ug/kg	1250	1290	103	67-130	
n-Propylbenzene	ug/kg	1250	1250	100	70-130	
Naphthalene	ug/kg	1250	1280	103	70-130	
o-Xylene	ug/kg	1250	1240	99	70-130	
p-Isopropyltoluene	ug/kg	1250	1290	103	67-130	
sec-Butylbenzene	ug/kg	1250	1270	101	69-130	
Styrene	ug/kg	1250	1320	106	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

LABORATORY CONTROL SAMPLE: 3430339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1280	102	67-130	
Tetrachloroethene	ug/kg	1250	1280	102	70-130	
Toluene	ug/kg	1250	1280	103	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1390	111	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1340	107	68-130	
Trichloroethene	ug/kg	1250	1320	105	70-130	
Trichlorofluoromethane	ug/kg	1250	1310	105	70-130	
Vinyl acetate	ug/kg	2500	2670	107	70-130	
Vinyl chloride	ug/kg	1250	1360	109	61-130	
Xylene (Total)	ug/kg	3750	3720	99	70-130	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			103	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3430340 3430341

Parameter	Units	92567264002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	195000	195000	237000	236000	121	121	70-131	0	30	
1,1,1-Trichloroethane	ug/kg	ND	195000	195000	256000	255000	131	131	65-133	0	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	195000	195000	238000	238000	122	122	66-130	0	30	
1,1,2-Trichloroethane	ug/kg	ND	195000	195000	255000	256000	131	131	66-133	0	30	
1,1-Dichloroethane	ug/kg	ND	195000	195000	264000	259000	136	133	65-130	2	30	M1
1,1-Dichloroethene	ug/kg	ND	195000	195000	278000	274000	143	141	10-158	1	30	
1,1-Dichloropropene	ug/kg	ND	195000	195000	261000	257000	134	132	68-133	2	30	M1
1,2,3-Trichlorobenzene	ug/kg	ND	195000	195000	234000	235000	120	121	27-138	0	30	
1,2,3-Trichloropropane	ug/kg	ND	195000	195000	234000	234000	120	120	67-130	0	30	
1,2,4-Trichlorobenzene	ug/kg	ND	195000	195000	233000	236000	120	121	51-134	1	30	
1,2,4-Trimethylbenzene	ug/kg	765000	195000	195000	1060000	1050000	152	146	63-136	1	30	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	195000	195000	244000	250000	125	128	32-130	2	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	195000	195000	240000	240000	123	123	70-130	0	30	
1,2-Dichlorobenzene	ug/kg	ND	195000	195000	227000	227000	117	116	69-130	0	30	
1,2-Dichloroethane	ug/kg	ND	195000	195000	240000	239000	123	123	59-130	0	30	
1,2-Dichloropropane	ug/kg	ND	195000	195000	256000	260000	131	133	70-130	1	30	M1
1,3,5-Trimethylbenzene	ug/kg	228000	195000	195000	488000	480000	133	129	65-137	2	30	
1,3-Dichlorobenzene	ug/kg	ND	195000	195000	227000	223000	117	114	70-130	2	30	
1,3-Dichloropropane	ug/kg	ND	195000	195000	239000	236000	123	121	70-130	1	30	
1,4-Dichlorobenzene	ug/kg	ND	195000	195000	227000	226000	117	116	68-130	0	30	
2,2-Dichloropropane	ug/kg	ND	195000	195000	254000	248000	131	127	32-130	3	30	M1
2-Butanone (MEK)	ug/kg	ND	389000	389000	524000	523000	134	134	10-136	0	30	
2-Chlorotoluene	ug/kg	ND	195000	195000	257000	260000	132	133	69-141	1	30	
2-Hexanone	ug/kg	ND	389000	389000	483000	488000	124	125	10-144	1	30	
4-Chlorotoluene	ug/kg	ND	195000	195000	237000	237000	121	122	70-132	0	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	389000	389000	494000	498000	127	128	25-143	1	30	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3430340 3430341

Parameter	Units	92567264002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/kg	ND	389000	389000	449000	450000	115	115	10-130	0	30	
Benzene	ug/kg	119000	195000	195000	372000	372000	130	130	67-130	0	30	
Bromobenzene	ug/kg	ND	195000	195000	235000	233000	121	120	70-130	1	30	
Bromochloromethane	ug/kg	ND	195000	195000	255000	257000	131	132	69-134	1	30	
Bromodichloromethane	ug/kg	ND	195000	195000	242000	253000	124	130	64-130	5	30	
Bromoform	ug/kg	ND	195000	195000	234000	240000	120	123	62-130	3	30	
Bromomethane	ug/kg	ND	195000	195000	364000	370000	187	190	20-176	2	30	IK,M1
Carbon tetrachloride	ug/kg	ND	195000	195000	262000	263000	134	135	65-140	0	30	
Chlorobenzene	ug/kg	ND	195000	195000	237000	237000	122	122	70-130	0	30	
Chloroethane	ug/kg	ND	195000	195000	298000	293000	153	150	10-130	2	30	M1
Chloroform	ug/kg	ND	195000	195000	257000	253000	132	130	63-130	2	30	M1
Chloromethane	ug/kg	ND	195000	195000	249000	246000	128	126	58-130	1	30	
cis-1,2-Dichloroethene	ug/kg	ND	195000	195000	256000	255000	132	131	66-130	0	30	M1
cis-1,3-Dichloropropene	ug/kg	ND	195000	195000	246000	250000	126	128	67-130	1	30	
Dibromochloromethane	ug/kg	ND	195000	195000	243000	242000	125	124	67-130	0	30	
Dibromomethane	ug/kg	ND	195000	195000	249000	251000	128	129	63-131	0	30	
Dichlorodifluoromethane	ug/kg	ND	195000	195000	274000	262000	141	134	44-180	5	30	
Diisopropyl ether	ug/kg	7880	195000	195000	251000	251000	125	125	63-130	0	30	
Ethylbenzene	ug/kg	438000	195000	195000	673000	665000	121	117	66-130	1	30	
Hexachloro-1,3-butadiene	ug/kg	ND	195000	195000	239000	235000	123	121	64-150	2	30	
Isopropylbenzene (Cumene)	ug/kg	38600	195000	195000	286000	284000	127	126	69-135	1	30	
m&p-Xylene	ug/kg	1740000	389000	389000	2240000	2210000	128	120	60-133	1	30	
Methyl-tert-butyl ether	ug/kg	ND	195000	195000	242000	239000	124	123	65-130	1	30	
Methylene Chloride	ug/kg	ND	195000	195000	226000	226000	116	116	61-130	0	30	
n-Butylbenzene	ug/kg	34800	195000	195000	293000	293000	133	132	65-140	0	30	
n-Propylbenzene	ug/kg	138000	195000	195000	373000	372000	121	120	67-140	0	30	
Naphthalene	ug/kg	82400	195000	195000	1940J	327000	-41	125	15-145		30	M1
o-Xylene	ug/kg	686000	195000	195000	946000	936000	133	128	66-133	1	30	
p-Isopropyltoluene	ug/kg	31400	195000	195000	276000	275000	126	125	56-147	0	30	
sec-Butylbenzene	ug/kg	ND	195000	195000	253000	253000	130	130	65-139	0	30	
Styrene	ug/kg	ND	195000	195000	255000	252000	131	130	70-132	1	30	
tert-Butylbenzene	ug/kg	ND	195000	195000	227000	229000	116	117	62-135	1	30	
Tetrachloroethene	ug/kg	ND	195000	195000	240000	234000	123	120	70-135	3	30	
Toluene	ug/kg	1460000	195000	195000	1730000	1740000	139	146	67-130	1	30	M1
trans-1,2-Dichloroethene	ug/kg	ND	195000	195000	270000	269000	139	138	69-130	0	30	M1
trans-1,3-Dichloropropene	ug/kg	ND	195000	195000	237000	240000	121	123	62-130	1	30	
Trichloroethene	ug/kg	ND	195000	195000	252000	253000	129	130	70-135	0	30	
Trichlorofluoromethane	ug/kg	ND	195000	195000	266000	260000	137	133	10-130	3	30	M1
Vinyl acetate	ug/kg	ND	389000	389000	492000	489000	126	125	53-130	1	30	
Vinyl chloride	ug/kg	ND	195000	195000	274000	268000	141	138	61-148	2	30	
Xylene (Total)	ug/kg	2430000	585000	585000	3190000	3150000	130	123	63-132	1	30	
1,2-Dichloroethane-d4 (S)	%						98	96	70-130			
4-Bromofluorobenzene (S)	%						104	101	69-134			
Toluene-d8 (S)	%						100	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

QC Batch: 654478
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92567704001

METHOD BLANK: 3431819 Matrix: Solid
Associated Lab Samples: 92567704001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/21/21 17:05	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/21/21 17:05	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/21/21 17:05	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/21/21 17:05	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/21/21 17:05	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/21/21 17:05	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/21/21 17:05	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/21/21 17:05	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/21/21 17:05	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/21/21 17:05	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/21/21 17:05	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/21/21 17:05	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/21/21 17:05	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/21/21 17:05	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/21/21 17:05	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/21/21 17:05	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/21/21 17:05	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/21/21 17:05	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/21/21 17:05	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/21/21 17:05	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/21/21 17:05	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
2-Hexanone	ug/kg	ND	50.0	4.8	10/21/21 17:05	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/21/21 17:05	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/21/21 17:05	
Acetone	ug/kg	ND	100	32.1	10/21/21 17:05	
Benzene	ug/kg	ND	5.0	2.0	10/21/21 17:05	
Bromobenzene	ug/kg	ND	5.0	1.6	10/21/21 17:05	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/21/21 17:05	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/21/21 17:05	
Bromoform	ug/kg	ND	5.0	1.8	10/21/21 17:05	
Bromomethane	ug/kg	ND	10.0	7.9	10/21/21 17:05	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/21/21 17:05	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/21/21 17:05	
Chloroethane	ug/kg	ND	10.0	3.9	10/21/21 17:05	
Chloroform	ug/kg	ND	5.0	3.0	10/21/21 17:05	
Chloromethane	ug/kg	ND	10.0	4.2	10/21/21 17:05	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/21/21 17:05	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/21/21 17:05	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

METHOD BLANK: 3431819 Matrix: Solid
Associated Lab Samples: 92567704001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/21/21 17:05	
Dibromomethane	ug/kg	ND	5.0	1.1	10/21/21 17:05	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/21/21 17:05	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/21/21 17:05	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/21/21 17:05	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/21/21 17:05	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/21/21 17:05	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/21/21 17:05	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/21/21 17:05	
Methylene Chloride	ug/kg	ND	20.0	13.7	10/21/21 17:05	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/21/21 17:05	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
Naphthalene	ug/kg	ND	5.0	2.6	10/21/21 17:05	
o-Xylene	ug/kg	ND	5.0	2.2	10/21/21 17:05	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/21/21 17:05	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/21/21 17:05	
Styrene	ug/kg	ND	5.0	1.3	10/21/21 17:05	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/21/21 17:05	
Toluene	ug/kg	ND	5.0	1.4	10/21/21 17:05	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/21/21 17:05	
Trichloroethene	ug/kg	ND	5.0	1.3	10/21/21 17:05	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/21/21 17:05	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/21/21 17:05	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/21/21 17:05	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/21/21 17:05	
1,2-Dichloroethane-d4 (S)	%	104	70-130		10/21/21 17:05	
4-Bromofluorobenzene (S)	%	104	69-134		10/21/21 17:05	
Toluene-d8 (S)	%	98	70-130		10/21/21 17:05	

LABORATORY CONTROL SAMPLE: 3431820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1170	94	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1240	99	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1170	94	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1210	97	70-130	
1,1-Dichloroethane	ug/kg	1250	1300	104	70-130	
1,1-Dichloroethene	ug/kg	1250	1340	107	70-130	
1,1-Dichloropropene	ug/kg	1250	1250	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1190	95	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1170	94	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1190	95	68-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

LABORATORY CONTROL SAMPLE: 3431820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1160	93	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1280	103	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1180	94	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1150	92	70-130	
1,2-Dichloroethane	ug/kg	1250	1180	94	63-130	
1,2-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	95	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1160	93	70-130	
1,3-Dichloropropane	ug/kg	1250	1150	92	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1150	92	70-130	
2,2-Dichloropropane	ug/kg	1250	1250	100	66-130	
2-Butanone (MEK)	ug/kg	2500	2430	97	70-130	
2-Chlorotoluene	ug/kg	1250	1170	93	70-130	
2-Hexanone	ug/kg	2500	2310	93	70-130	
4-Chlorotoluene	ug/kg	1250	1150	92	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2400	96	70-130	
Acetone	ug/kg	2500	2110	85	69-130	
Benzene	ug/kg	1250	1210	97	70-130	
Bromobenzene	ug/kg	1250	1180	94	70-130	
Bromochloromethane	ug/kg	1250	1290	103	70-130	
Bromodichloromethane	ug/kg	1250	1230	98	69-130	
Bromoform	ug/kg	1250	1260	101	70-130	
Bromomethane	ug/kg	1250	1510	121	52-130	IK
Carbon tetrachloride	ug/kg	1250	1270	102	70-130	
Chlorobenzene	ug/kg	1250	1140	91	70-130	
Chloroethane	ug/kg	1250	1410	113	65-130	
Chloroform	ug/kg	1250	1250	100	70-130	
Chloromethane	ug/kg	1250	1240	99	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	99	70-130	
Dibromochloromethane	ug/kg	1250	1240	100	70-130	
Dibromomethane	ug/kg	1250	1260	101	70-130	
Dichlorodifluoromethane	ug/kg	1250	1340	107	45-156	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1090	87	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1190	95	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1180	95	70-130	
m&p-Xylene	ug/kg	2500	2310	92	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1210	96	70-130	
Methylene Chloride	ug/kg	1250	1120	90	65-130	
n-Butylbenzene	ug/kg	1250	1170	94	67-130	
n-Propylbenzene	ug/kg	1250	1160	93	70-130	
Naphthalene	ug/kg	1250	1160	93	70-130	
o-Xylene	ug/kg	1250	1150	92	70-130	
p-Isopropyltoluene	ug/kg	1250	1170	94	67-130	
sec-Butylbenzene	ug/kg	1250	1160	93	69-130	
Styrene	ug/kg	1250	1210	97	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

LABORATORY CONTROL SAMPLE: 3431820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1170	93	67-130	
Tetrachloroethene	ug/kg	1250	1190	95	70-130	
Toluene	ug/kg	1250	1180	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1320	105	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1220	98	68-130	
Trichloroethene	ug/kg	1250	1210	97	70-130	
Trichlorofluoromethane	ug/kg	1250	1240	99	70-130	
Vinyl acetate	ug/kg	2500	2490	100	70-130	
Vinyl chloride	ug/kg	1250	1300	104	61-130	
Xylene (Total)	ug/kg	3750	3460	92	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			102	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3431821 3431822

Parameter	Units	92567407001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	15400	15400	15000	16500	98	108	70-131	9	30	
1,1,1-Trichloroethane	ug/kg	ND	15400	15400	16400	18100	107	118	65-133	10	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	15400	15400	15200	16900	100	110	66-130	10	30	
1,1,2-Trichloroethane	ug/kg	ND	15400	15400	16000	18000	105	118	66-133	11	30	
1,1-Dichloroethane	ug/kg	ND	15400	15400	17200	18800	112	123	65-130	9	30	
1,1-Dichloroethene	ug/kg	ND	15400	15400	17900	19700	117	129	10-158	9	30	
1,1-Dichloropropene	ug/kg	ND	15400	15400	16800	18500	110	121	68-133	10	30	
1,2,3-Trichlorobenzene	ug/kg	ND	15400	15400	15100	16500	98	108	27-138	9	30	
1,2,3-Trichloropropane	ug/kg	ND	15400	15400	14900	16700	97	109	67-130	11	30	
1,2,4-Trichlorobenzene	ug/kg	ND	15400	15400	14900	16300	98	107	51-134	9	30	
1,2,4-Trimethylbenzene	ug/kg	48700	15400	15400	66700	67500	118	123	63-136	1	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	15400	15400	15500	17300	101	113	32-130	11	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	15400	15400	15200	16700	99	109	70-130	10	30	
1,2-Dichlorobenzene	ug/kg	ND	15400	15400	14800	16100	97	105	69-130	8	30	
1,2-Dichloroethane	ug/kg	ND	15400	15400	15300	16400	100	107	59-130	7	30	
1,2-Dichloropropane	ug/kg	ND	15400	15400	16200	17800	106	116	70-130	10	30	
1,3,5-Trimethylbenzene	ug/kg	14600	15400	15400	31200	32700	109	119	65-137	5	30	
1,3-Dichlorobenzene	ug/kg	ND	15400	15400	14700	16000	96	105	70-130	8	30	
1,3-Dichloropropane	ug/kg	ND	15400	15400	15000	16500	98	108	70-130	9	30	
1,4-Dichlorobenzene	ug/kg	ND	15400	15400	14700	16000	96	105	68-130	8	30	
2,2-Dichloropropane	ug/kg	ND	15400	15400	15700	17100	102	112	32-130	9	30	
2-Butanone (MEK)	ug/kg	ND	30600	30600	32400	36400	106	119	10-136	12	30	
2-Chlorotoluene	ug/kg	ND	15400	15400	16600	18000	109	117	69-141	8	30	
2-Hexanone	ug/kg	ND	30600	30600	31100	34800	102	114	10-144	11	30	
4-Chlorotoluene	ug/kg	ND	15400	15400	15300	16500	100	108	70-132	7	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	1630	30600	30600	31900	35900	99	112	25-143	12	30	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3431821 3431822

Parameter	Units	92567407001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/kg	2460J	30600	30600	27900	31800	83	96	10-130	13	30	
Benzene	ug/kg	6510	15400	15400	22700	24300	106	116	67-130	7	30	
Bromobenzene	ug/kg	ND	15400	15400	15100	16600	99	109	70-130	9	30	
Bromochloromethane	ug/kg	ND	15400	15400	16500	18100	108	118	69-134	9	30	
Bromodichloromethane	ug/kg	ND	15400	15400	15400	16900	101	111	64-130	10	30	
Bromoform	ug/kg	ND	15400	15400	14900	16800	97	110	62-130	12	30	
Bromomethane	ug/kg	ND	15400	15400	15000	16200	98	106	20-176	7	30	IK
Carbon tetrachloride	ug/kg	ND	15400	15400	16800	18700	110	122	65-140	10	30	
Chlorobenzene	ug/kg	ND	15400	15400	15400	16700	100	109	70-130	9	30	
Chloroethane	ug/kg	ND	15400	15400	17200	19000	113	124	10-130	10	30	
Chloroform	ug/kg	ND	15400	15400	16200	17600	106	115	63-130	8	30	
Chloromethane	ug/kg	ND	15400	15400	16700	18200	109	119	58-130	8	30	
cis-1,2-Dichloroethene	ug/kg	ND	15400	15400	16500	18000	108	118	66-130	9	30	
cis-1,3-Dichloropropene	ug/kg	ND	15400	15400	15600	17200	102	113	67-130	10	30	
Dibromochloromethane	ug/kg	ND	15400	15400	15300	16700	100	109	67-130	8	30	
Dibromomethane	ug/kg	ND	15400	15400	15800	17500	103	114	63-131	10	30	
Dichlorodifluoromethane	ug/kg	ND	15400	15400	18800	20800	123	136	44-180	10	30	
Diisopropyl ether	ug/kg	364	15400	15400	15800	17400	101	111	63-130	10	30	
Ethylbenzene	ug/kg	20900	15400	15400	36000	37400	99	108	66-130	4	30	
Hexachloro-1,3-butadiene	ug/kg	ND	15400	15400	15800	17600	103	115	64-150	11	30	
Isopropylbenzene (Cumene)	ug/kg	2280	15400	15400	18300	19900	105	115	69-135	8	30	
m&p-Xylene	ug/kg	84700	30600	30600	117000	120000	106	114	60-133	2	30	
Methyl-tert-butyl ether	ug/kg	ND	15400	15400	15100	16600	99	109	65-130	10	30	
Methylene Chloride	ug/kg	ND	15400	15400	14600	16100	95	105	61-130	10	30	
n-Butylbenzene	ug/kg	2530	15400	15400	18900	20500	107	117	65-140	8	30	
n-Propylbenzene	ug/kg	8220	15400	15400	23500	24700	100	108	67-140	5	30	
Naphthalene	ug/kg	6270	15400	15400	21500	23300	99	112	15-145	8	30	
o-Xylene	ug/kg	34400	15400	15400	50500	52300	105	117	66-133	3	30	
p-Isopropyltoluene	ug/kg	2280	15400	15400	17900	19300	102	111	56-147	7	30	
sec-Butylbenzene	ug/kg	ND	15400	15400	16500	17700	108	116	65-139	7	30	
Styrene	ug/kg	ND	15400	15400	16100	18300	105	120	70-132	13	30	
tert-Butylbenzene	ug/kg	ND	15400	15400	14700	15700	96	103	62-135	6	30	
Tetrachloroethene	ug/kg	ND	15400	15400	15600	16900	102	110	70-135	8	30	
Toluene	ug/kg	66700	15400	15400	84000	86600	113	130	67-130	3	30	
trans-1,2-Dichloroethene	ug/kg	ND	15400	15400	17400	19300	113	126	69-130	10	30	
trans-1,3-Dichloropropene	ug/kg	ND	15400	15400	15000	16400	98	107	62-130	9	30	
Trichloroethene	ug/kg	ND	15400	15400	16400	18100	107	118	70-135	10	30	
Trichlorofluoromethane	ug/kg	ND	15400	15400	16800	18700	110	122	10-130	11	30	
Vinyl acetate	ug/kg	ND	30600	30600	30600	34200	100	112	53-130	11	30	
Vinyl chloride	ug/kg	ND	15400	15400	18000	19900	118	130	61-148	10	30	
Xylene (Total)	ug/kg	119000	46000	46000	168000	172000	106	115	63-132	3	30	
1,2-Dichloroethane-d4 (S)	%						97	97	70-130			
4-Bromofluorobenzene (S)	%						103	103	69-134			
Toluene-d8 (S)	%						99	100	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

QC Batch: 654103
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92567704001, 92567704002

SAMPLE DUPLICATE: 3429645

Parameter	Units	92567320001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.7	10.2	5	25	N2

SAMPLE DUPLICATE: 3429717

Parameter	Units	92567663004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	24.1	25.1	4	25	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92567704

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92567704001	**RW-89 (22-24)**	MADEP VPH	654415	MADEP VPH	654532
92567704002	**RW-89 (32-34)**	MADEP VPH	654415	MADEP VPH	654532
92567704001	**RW-89 (22-24)**	EPA 5035A/5030B	654478	EPA 8260D	654495
92567704002	**RW-89 (32-34)**	EPA 5035A/5030B	654199	EPA 8260D	654322
92567704001	**RW-89 (22-24)**	SW-846	654103		
92567704002	**RW-89 (32-34)**	SW-846	654103		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Lo... MTJL ... Number or

WO# : 92567704

92567704

ALL SHADED AR...

Company: ADEX COMPANIES, LLC	Billing Information:
Address: 5900 NORTHWOODS BUSINESS PKWY	
Report To: ANDREW STREET TOM NEUMANN	Email To:
Copy To: JOAN SORRESTE	Site Collection Info/Address:
Customer Project Name/Number: CPC HUNTERSVILLE / CPCT1018	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [X] No
Collected By (print): CHRIS REEVES	Purchase Order #: Quote #: 2020-11-2248 DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STANDARD Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type **: 6 6

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: X MADEP VPH	Analyses: X VOC BY 8260	Lab Profile/Line: Lab Sample # / Comments:
RW-8G (22-24)	SOIL	GRAB	10.19.21	1400				3	X	X	92567704 001
RW-8G (32-34)	SOIL	GRAB	10.19.21	1405				3	X	X	002

EDL 10.19.21

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: None

Radchem sample(s) screened (<500 cpm): Y (N) NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546888

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: 92T064

Cooler 1 Temp Upon Receipt: 4.1 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 4.1 oC

Comments:

Relinquished by/Company: (Signature) ADEX	Date/Time: 10.19.21/1752	Received by/Company: (Signature) JB Pace ALC	Date/Time: 10/19/21 1757
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y (N) NA

HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

WO#: 92567704

PM: AMB Due Date: 10/26/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																						3						
2																						3						
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 25, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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Huntersville, NC 28078
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SAMPLE SUMMARY

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92568134001	**RW-90 (16-18)**	Solid	10/20/21 16:00	10/20/21 17:50
92568134002	**RW-90 (52-54)**	Solid	10/20/21 15:55	10/20/21 17:50

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92568134001	**RW-90 (16-18)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92568134002	**RW-90 (52-54)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

Sample: RW-90 (16-18) **Lab ID: 92568134001** Collected: 10/20/21 16:00 Received: 10/20/21 17:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**132**	mg/kg	2.6	2.6	1	10/21/21 17:48	10/22/21 06:20		N2
Aliphatic (C05-C08)	**96.4**	mg/kg	2.6	2.6	1	10/21/21 17:48	10/22/21 06:20		N2
Aliphatic(C09-C12) Adjusted	**27.2**	mg/kg	2.6	2.6	1	10/21/21 17:48	10/22/21 06:20		N2
Aromatic (C09-C10)	**8.4**	mg/kg	2.6	2.6	1	10/21/21 17:48	10/22/21 06:20		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	113	%	70-130		1	10/21/21 17:48	10/22/21 06:20	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1	10/21/21 17:48	10/22/21 06:20	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	301	96.6	2.5	10/22/21 11:50	10/22/21 14:54	67-64-1	R1
Benzene	**555**	ug/kg	15.0	6.0	2.5	10/22/21 11:50	10/22/21 14:54	71-43-2	M1,R1
Bromobenzene	ND	ug/kg	15.0	4.9	2.5	10/22/21 11:50	10/22/21 14:54	108-86-1	M1,R1
Bromochloromethane	ND	ug/kg	15.0	4.5	2.5	10/22/21 11:50	10/22/21 14:54	74-97-5	M1,R1
Bromodichloromethane	ND	ug/kg	15.0	5.8	2.5	10/22/21 11:50	10/22/21 14:54	75-27-4	R1
Bromoform	ND	ug/kg	15.0	5.3	2.5	10/22/21 11:50	10/22/21 14:54	75-25-2	M1,R1
Bromomethane	ND	ug/kg	30.1	23.8	2.5	10/22/21 11:50	10/22/21 14:54	74-83-9	IK,R1
2-Butanone (MEK)	ND	ug/kg	301	72.2	2.5	10/22/21 11:50	10/22/21 14:54	78-93-3	R1
n-Butylbenzene	**335**	ug/kg	15.0	7.1	2.5	10/22/21 11:50	10/22/21 14:54	104-51-8	R1
sec-Butylbenzene	ND	ug/kg	15.0	6.6	2.5	10/22/21 11:50	10/22/21 14:54	135-98-8	M1,R1
tert-Butylbenzene	ND	ug/kg	15.0	5.4	2.5	10/22/21 11:50	10/22/21 14:54	98-06-6	M1,R1
Carbon tetrachloride	ND	ug/kg	15.0	5.6	2.5	10/22/21 11:50	10/22/21 14:54	56-23-5	R1
Chlorobenzene	**7.8J**	ug/kg	15.0	2.9	2.5	10/22/21 11:50	10/22/21 14:54	108-90-7	M1,R1
Chloroethane	ND	ug/kg	30.1	11.6	2.5	10/22/21 11:50	10/22/21 14:54	75-00-3	R1
Chloroform	ND	ug/kg	15.0	9.1	2.5	10/22/21 11:50	10/22/21 14:54	67-66-3	R1
Chloromethane	ND	ug/kg	30.1	12.6	2.5	10/22/21 11:50	10/22/21 14:54	74-87-3	R1
2-Chlorotoluene	ND	ug/kg	15.0	5.3	2.5	10/22/21 11:50	10/22/21 14:54	95-49-8	R1
4-Chlorotoluene	ND	ug/kg	15.0	2.7	2.5	10/22/21 11:50	10/22/21 14:54	106-43-4	M1,R1
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.0	5.8	2.5	10/22/21 11:50	10/22/21 14:54	96-12-8	R1
Dibromochloromethane	ND	ug/kg	15.0	8.5	2.5	10/22/21 11:50	10/22/21 14:54	124-48-1	M1,R1
1,2-Dibromoethane (EDB)	ND	ug/kg	15.0	6.6	2.5	10/22/21 11:50	10/22/21 14:54	106-93-4	M1,R1
Dibromomethane	ND	ug/kg	15.0	3.2	2.5	10/22/21 11:50	10/22/21 14:54	74-95-3	M1,R1
1,2-Dichlorobenzene	ND	ug/kg	15.0	5.4	2.5	10/22/21 11:50	10/22/21 14:54	95-50-1	M1,R1
1,3-Dichlorobenzene	ND	ug/kg	15.0	4.7	2.5	10/22/21 11:50	10/22/21 14:54	541-73-1	M1,R1
1,4-Dichlorobenzene	ND	ug/kg	15.0	3.9	2.5	10/22/21 11:50	10/22/21 14:54	106-46-7	M1,R1
Dichlorodifluoromethane	ND	ug/kg	30.1	6.5	2.5	10/22/21 11:50	10/22/21 14:54	75-71-8	R1
1,1-Dichloroethane	ND	ug/kg	15.0	6.2	2.5	10/22/21 11:50	10/22/21 14:54	75-34-3	R1
1,2-Dichloroethane	ND	ug/kg	15.0	10	2.5	10/22/21 11:50	10/22/21 14:54	107-06-2	R1
1,1-Dichloroethene	ND	ug/kg	15.0	6.2	2.5	10/22/21 11:50	10/22/21 14:54	75-35-4	R1
cis-1,2-Dichloroethene	ND	ug/kg	15.0	5.1	2.5	10/22/21 11:50	10/22/21 14:54	156-59-2	R1
trans-1,2-Dichloroethene	ND	ug/kg	15.0	5.3	2.5	10/22/21 11:50	10/22/21 14:54	156-60-5	R1
1,2-Dichloropropane	ND	ug/kg	15.0	4.5	2.5	10/22/21 11:50	10/22/21 14:54	78-87-5	M1,R1
1,3-Dichloropropane	ND	ug/kg	15.0	4.7	2.5	10/22/21 11:50	10/22/21 14:54	142-28-9	M1,R1
2,2-Dichloropropane	ND	ug/kg	15.0	4.9	2.5	10/22/21 11:50	10/22/21 14:54	594-20-7	R1

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

Sample: RW-90 (16-18) **Lab ID: 92568134001** Collected: 10/20/21 16:00 Received: 10/20/21 17:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	15.0	7.2	2.5	10/22/21 11:50	10/22/21 14:54	563-58-6	R1
cis-1,3-Dichloropropene	ND	ug/kg	15.0	4.1	2.5	10/22/21 11:50	10/22/21 14:54	10061-01-5	M1,R1
trans-1,3-Dichloropropene	ND	ug/kg	15.0	5.2	2.5	10/22/21 11:50	10/22/21 14:54	10061-02-6	M1,R1
Diisopropyl ether	**83.6**	ug/kg	15.0	4.1	2.5	10/22/21 11:50	10/22/21 14:54	108-20-3	M1,R1
Ethylbenzene	**3110**	ug/kg	15.0	7.0	2.5	10/22/21 11:50	10/22/21 14:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	30.1	24.6	2.5	10/22/21 11:50	10/22/21 14:54	87-68-3	M1,R1
2-Hexanone	ND	ug/kg	150	14.5	2.5	10/22/21 11:50	10/22/21 14:54	591-78-6	R1
Isopropylbenzene (Cumene)	**298**	ug/kg	15.0	5.1	2.5	10/22/21 11:50	10/22/21 14:54	98-82-8	M1,R1
p-Isopropyltoluene	**265**	ug/kg	15.0	7.4	2.5	10/22/21 11:50	10/22/21 14:54	99-87-6	R1
Methylene Chloride	ND	ug/kg	60.2	41.2	2.5	10/22/21 11:50	10/22/21 14:54	75-09-2	R1
4-Methyl-2-pentanone (MIBK)	**240**	ug/kg	150	14.5	2.5	10/22/21 11:50	10/22/21 14:54	108-10-1	R1
Methyl-tert-butyl ether	ND	ug/kg	15.0	5.6	2.5	10/22/21 11:50	10/22/21 14:54	1634-04-4	M1,R1
Naphthalene	**664**	ug/kg	15.0	7.9	2.5	10/22/21 11:50	10/22/21 14:54	91-20-3	R1
n-Propylbenzene	**1050**	ug/kg	15.0	5.4	2.5	10/22/21 11:50	10/22/21 14:54	103-65-1	M1
Styrene	ND	ug/kg	15.0	4.0	2.5	10/22/21 11:50	10/22/21 14:54	100-42-5	M1,R1
1,1,1,2-Tetrachloroethane	ND	ug/kg	15.0	5.8	2.5	10/22/21 11:50	10/22/21 14:54	630-20-6	M1,R1
1,1,2,2-Tetrachloroethane	ND	ug/kg	15.0	4.0	2.5	10/22/21 11:50	10/22/21 14:54	79-34-5	M1,R1
Tetrachloroethene	ND	ug/kg	15.0	4.8	2.5	10/22/21 11:50	10/22/21 14:54	127-18-4	M1,R1
Toluene	**9440**	ug/kg	15.0	4.3	2.5	10/22/21 11:50	10/22/21 14:54	108-88-3	M1
1,2,3-Trichlorobenzene	ND	ug/kg	15.0	12.2	2.5	10/22/21 11:50	10/22/21 14:54	87-61-6	R1
1,2,4-Trichlorobenzene	ND	ug/kg	15.0	12.6	2.5	10/22/21 11:50	10/22/21 14:54	120-82-1	R1
1,1,1-Trichloroethane	ND	ug/kg	15.0	7.8	2.5	10/22/21 11:50	10/22/21 14:54	71-55-6	R1
1,1,2-Trichloroethane	ND	ug/kg	15.0	5.0	2.5	10/22/21 11:50	10/22/21 14:54	79-00-5	R1
Trichloroethene	ND	ug/kg	15.0	3.9	2.5	10/22/21 11:50	10/22/21 14:54	79-01-6	M1,R1
Trichlorofluoromethane	ND	ug/kg	15.0	8.3	2.5	10/22/21 11:50	10/22/21 14:54	75-69-4	R1
1,2,3-Trichloropropane	ND	ug/kg	15.0	7.6	2.5	10/22/21 11:50	10/22/21 14:54	96-18-4	M1,R1
1,2,4-Trimethylbenzene	**5710**	ug/kg	15.0	4.1	2.5	10/22/21 11:50	10/22/21 14:54	95-63-6	
1,3,5-Trimethylbenzene	**1610**	ug/kg	15.0	5.1	2.5	10/22/21 11:50	10/22/21 14:54	108-67-8	
Vinyl acetate	ND	ug/kg	150	11.0	2.5	10/22/21 11:50	10/22/21 14:54	108-05-4	R1
Vinyl chloride	ND	ug/kg	30.1	7.6	2.5	10/22/21 11:50	10/22/21 14:54	75-01-4	R1
Xylene (Total)	**17200**	ug/kg	30.1	8.6	2.5	10/22/21 11:50	10/22/21 14:54	1330-20-7	
m&p-Xylene	**12400**	ug/kg	30.1	10.3	2.5	10/22/21 11:50	10/22/21 14:54	179601-23-1	
o-Xylene	**4830**	ug/kg	15.0	6.6	2.5	10/22/21 11:50	10/22/21 14:54	95-47-6	
Surrogates									
Toluene-d8 (S)	97	%	70-130		2.5	10/22/21 11:50	10/22/21 14:54	2037-26-5	
4-Bromofluorobenzene (S)	104	%	69-134		2.5	10/22/21 11:50	10/22/21 14:54	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		2.5	10/22/21 11:50	10/22/21 14:54	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**11.6**	%	0.10	0.10	1		10/21/21 16:52		N2

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

Sample: RW-90 (52-54) **Lab ID: 92568134002** Collected: 10/20/21 15:55 Received: 10/20/21 17:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**104**	mg/kg	5.2	5.2	1	10/21/21 17:48	10/22/21 06:49		N2
Aliphatic (C05-C08)	**46.3**	mg/kg	5.2	5.2	1	10/21/21 17:48	10/22/21 06:49		N2
Aliphatic(C09-C12) Adjusted	**40.9**	mg/kg	5.2	5.2	1	10/21/21 17:48	10/22/21 06:49		N2
Aromatic (C09-C10)	**16.4**	mg/kg	5.2	5.2	1	10/21/21 17:48	10/22/21 06:49		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	109	%	70-130		1	10/21/21 17:48	10/22/21 06:49	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1	10/21/21 17:48	10/22/21 06:49	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	298	95.5	1	10/21/21 16:40	10/21/21 22:27	67-64-1	
Benzene	**1060**	ug/kg	14.9	5.9	1	10/21/21 16:40	10/21/21 22:27	71-43-2	
Bromobenzene	ND	ug/kg	14.9	4.9	1	10/21/21 16:40	10/21/21 22:27	108-86-1	
Bromochloromethane	ND	ug/kg	14.9	4.4	1	10/21/21 16:40	10/21/21 22:27	74-97-5	
Bromodichloromethane	ND	ug/kg	14.9	5.7	1	10/21/21 16:40	10/21/21 22:27	75-27-4	
Bromoform	ND	ug/kg	14.9	5.2	1	10/21/21 16:40	10/21/21 22:27	75-25-2	
Bromomethane	ND	ug/kg	29.8	23.5	1	10/21/21 16:40	10/21/21 22:27	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	298	71.4	1	10/21/21 16:40	10/21/21 22:27	78-93-3	
n-Butylbenzene	**353**	ug/kg	14.9	7.0	1	10/21/21 16:40	10/21/21 22:27	104-51-8	
sec-Butylbenzene	ND	ug/kg	14.9	6.5	1	10/21/21 16:40	10/21/21 22:27	135-98-8	
tert-Butylbenzene	ND	ug/kg	14.9	5.3	1	10/21/21 16:40	10/21/21 22:27	98-06-6	
Carbon tetrachloride	ND	ug/kg	14.9	5.6	1	10/21/21 16:40	10/21/21 22:27	56-23-5	
Chlorobenzene	ND	ug/kg	14.9	2.9	1	10/21/21 16:40	10/21/21 22:27	108-90-7	
Chloroethane	ND	ug/kg	29.8	11.5	1	10/21/21 16:40	10/21/21 22:27	75-00-3	
Chloroform	ND	ug/kg	14.9	9.0	1	10/21/21 16:40	10/21/21 22:27	67-66-3	
Chloromethane	ND	ug/kg	29.8	12.5	1	10/21/21 16:40	10/21/21 22:27	74-87-3	
2-Chlorotoluene	ND	ug/kg	14.9	5.3	1	10/21/21 16:40	10/21/21 22:27	95-49-8	
4-Chlorotoluene	ND	ug/kg	14.9	2.6	1	10/21/21 16:40	10/21/21 22:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.9	5.8	1	10/21/21 16:40	10/21/21 22:27	96-12-8	
Dibromochloromethane	ND	ug/kg	14.9	8.4	1	10/21/21 16:40	10/21/21 22:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	14.9	6.5	1	10/21/21 16:40	10/21/21 22:27	106-93-4	
Dibromomethane	ND	ug/kg	14.9	3.2	1	10/21/21 16:40	10/21/21 22:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	14.9	5.4	1	10/21/21 16:40	10/21/21 22:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	14.9	4.6	1	10/21/21 16:40	10/21/21 22:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	14.9	3.9	1	10/21/21 16:40	10/21/21 22:27	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	29.8	6.5	1	10/21/21 16:40	10/21/21 22:27	75-71-8	
1,1-Dichloroethane	ND	ug/kg	14.9	6.1	1	10/21/21 16:40	10/21/21 22:27	75-34-3	
1,2-Dichloroethane	ND	ug/kg	14.9	9.9	1	10/21/21 16:40	10/21/21 22:27	107-06-2	
1,1-Dichloroethene	ND	ug/kg	14.9	6.1	1	10/21/21 16:40	10/21/21 22:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	14.9	5.1	1	10/21/21 16:40	10/21/21 22:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	14.9	5.2	1	10/21/21 16:40	10/21/21 22:27	156-60-5	
1,2-Dichloropropane	ND	ug/kg	14.9	4.5	1	10/21/21 16:40	10/21/21 22:27	78-87-5	
1,3-Dichloropropane	ND	ug/kg	14.9	4.6	1	10/21/21 16:40	10/21/21 22:27	142-28-9	
2,2-Dichloropropane	ND	ug/kg	14.9	4.9	1	10/21/21 16:40	10/21/21 22:27	594-20-7	

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

Sample: RW-90 (52-54) **Lab ID: 92568134002** Collected: 10/20/21 15:55 Received: 10/20/21 17:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	14.9	7.1	1	10/21/21 16:40	10/21/21 22:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	14.9	4.0	1	10/21/21 16:40	10/21/21 22:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	14.9	5.1	1	10/21/21 16:40	10/21/21 22:27	10061-02-6	
Diisopropyl ether	**562**	ug/kg	14.9	4.0	1	10/21/21 16:40	10/21/21 22:27	108-20-3	
Ethylbenzene	**2740**	ug/kg	14.9	6.9	1	10/21/21 16:40	10/21/21 22:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	29.8	24.3	1	10/21/21 16:40	10/21/21 22:27	87-68-3	
2-Hexanone	ND	ug/kg	149	14.3	1	10/21/21 16:40	10/21/21 22:27	591-78-6	
Isopropylbenzene (Cumene)	**274**	ug/kg	14.9	5.1	1	10/21/21 16:40	10/21/21 22:27	98-82-8	
p-Isopropyltoluene	**314**	ug/kg	14.9	7.3	1	10/21/21 16:40	10/21/21 22:27	99-87-6	
Methylene Chloride	**81.1**	ug/kg	59.5	40.8	1	10/21/21 16:40	10/21/21 22:27	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	149	14.3	1	10/21/21 16:40	10/21/21 22:27	108-10-1	
Methyl-tert-butyl ether	**96.9**	ug/kg	14.9	5.6	1	10/21/21 16:40	10/21/21 22:27	1634-04-4	
Naphthalene	**992**	ug/kg	14.9	7.8	1	10/21/21 16:40	10/21/21 22:27	91-20-3	
n-Propylbenzene	**967**	ug/kg	14.9	5.3	1	10/21/21 16:40	10/21/21 22:27	103-65-1	
Styrene	ND	ug/kg	14.9	3.9	1	10/21/21 16:40	10/21/21 22:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	14.9	5.7	1	10/21/21 16:40	10/21/21 22:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	14.9	3.9	1	10/21/21 16:40	10/21/21 22:27	79-34-5	
Tetrachloroethene	ND	ug/kg	14.9	4.7	1	10/21/21 16:40	10/21/21 22:27	127-18-4	
Toluene	**10200**	ug/kg	14.9	4.2	1	10/21/21 16:40	10/21/21 22:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	14.9	12.0	1	10/21/21 16:40	10/21/21 22:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	14.9	12.5	1	10/21/21 16:40	10/21/21 22:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	14.9	7.7	1	10/21/21 16:40	10/21/21 22:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	14.9	4.9	1	10/21/21 16:40	10/21/21 22:27	79-00-5	
Trichloroethene	ND	ug/kg	14.9	3.8	1	10/21/21 16:40	10/21/21 22:27	79-01-6	
Trichlorofluoromethane	ND	ug/kg	14.9	8.2	1	10/21/21 16:40	10/21/21 22:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	14.9	7.5	1	10/21/21 16:40	10/21/21 22:27	96-18-4	
1,2,4-Trimethylbenzene	**6480**	ug/kg	14.9	4.1	1	10/21/21 16:40	10/21/21 22:27	95-63-6	
1,3,5-Trimethylbenzene	**1750**	ug/kg	14.9	5.0	1	10/21/21 16:40	10/21/21 22:27	108-67-8	
Vinyl acetate	ND	ug/kg	149	10.8	1	10/21/21 16:40	10/21/21 22:27	108-05-4	
Vinyl chloride	ND	ug/kg	29.8	7.6	1	10/21/21 16:40	10/21/21 22:27	75-01-4	
Xylene (Total)	**16900**	ug/kg	29.8	8.5	1	10/21/21 16:40	10/21/21 22:27	1330-20-7	
m&p-Xylene	**11200**	ug/kg	29.8	10.2	1	10/21/21 16:40	10/21/21 22:27	179601-23-1	
o-Xylene	**5690**	ug/kg	14.9	6.6	1	10/21/21 16:40	10/21/21 22:27	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	10/21/21 16:40	10/21/21 22:27	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	10/21/21 16:40	10/21/21 22:27	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1	10/21/21 16:40	10/21/21 22:27	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**20.3**	%	0.10	0.10	1		10/21/21 16:52		N2

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

QC Batch: 654415
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92568134001, 92568134002

METHOD BLANK: 3431419 Matrix: Solid
Associated Lab Samples: 92568134001, 92568134002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/21/21 18:33	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/21/21 18:33	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		10/21/21 18:33	
4-Bromofluorobenzene (PID) (S)	%	103	70-130		10/21/21 18:33	

LABORATORY CONTROL SAMPLE & LCSD: 3431420 3431421

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	14.1	14.0	94	94	70-130	1	25	N2
Aromatic (C09-C10)	mg/kg	5	5.2	5.2	105	104	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				107	103	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	101	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

QC Batch: 654478
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92568134002

METHOD BLANK: 3431819 Matrix: Solid
Associated Lab Samples: 92568134002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/21/21 17:05	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/21/21 17:05	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/21/21 17:05	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/21/21 17:05	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/21/21 17:05	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/21/21 17:05	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/21/21 17:05	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/21/21 17:05	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/21/21 17:05	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/21/21 17:05	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/21/21 17:05	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/21/21 17:05	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/21/21 17:05	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/21/21 17:05	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/21/21 17:05	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/21/21 17:05	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/21/21 17:05	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/21/21 17:05	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/21/21 17:05	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/21/21 17:05	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/21/21 17:05	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
2-Hexanone	ug/kg	ND	50.0	4.8	10/21/21 17:05	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/21/21 17:05	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/21/21 17:05	
Acetone	ug/kg	ND	100	32.1	10/21/21 17:05	
Benzene	ug/kg	ND	5.0	2.0	10/21/21 17:05	
Bromobenzene	ug/kg	ND	5.0	1.6	10/21/21 17:05	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/21/21 17:05	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/21/21 17:05	
Bromoform	ug/kg	ND	5.0	1.8	10/21/21 17:05	
Bromomethane	ug/kg	ND	10.0	7.9	10/21/21 17:05	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/21/21 17:05	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/21/21 17:05	
Chloroethane	ug/kg	ND	10.0	3.9	10/21/21 17:05	
Chloroform	ug/kg	ND	5.0	3.0	10/21/21 17:05	
Chloromethane	ug/kg	ND	10.0	4.2	10/21/21 17:05	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/21/21 17:05	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/21/21 17:05	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

METHOD BLANK: 3431819 Matrix: Solid
Associated Lab Samples: 92568134002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/21/21 17:05	
Dibromomethane	ug/kg	ND	5.0	1.1	10/21/21 17:05	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/21/21 17:05	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/21/21 17:05	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/21/21 17:05	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/21/21 17:05	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/21/21 17:05	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/21/21 17:05	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/21/21 17:05	
Methylene Chloride	ug/kg	ND	20.0	13.7	10/21/21 17:05	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/21/21 17:05	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
Naphthalene	ug/kg	ND	5.0	2.6	10/21/21 17:05	
o-Xylene	ug/kg	ND	5.0	2.2	10/21/21 17:05	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/21/21 17:05	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/21/21 17:05	
Styrene	ug/kg	ND	5.0	1.3	10/21/21 17:05	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/21/21 17:05	
Toluene	ug/kg	ND	5.0	1.4	10/21/21 17:05	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/21/21 17:05	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/21/21 17:05	
Trichloroethene	ug/kg	ND	5.0	1.3	10/21/21 17:05	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/21/21 17:05	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/21/21 17:05	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/21/21 17:05	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/21/21 17:05	
1,2-Dichloroethane-d4 (S)	%	104	70-130		10/21/21 17:05	
4-Bromofluorobenzene (S)	%	104	69-134		10/21/21 17:05	
Toluene-d8 (S)	%	98	70-130		10/21/21 17:05	

LABORATORY CONTROL SAMPLE: 3431820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1170	94	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1240	99	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1170	94	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1210	97	70-130	
1,1-Dichloroethane	ug/kg	1250	1300	104	70-130	
1,1-Dichloroethene	ug/kg	1250	1340	107	70-130	
1,1-Dichloropropene	ug/kg	1250	1250	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1190	95	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1170	94	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1190	95	68-130	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

LABORATORY CONTROL SAMPLE: 3431820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1160	93	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1280	103	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1180	94	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1150	92	70-130	
1,2-Dichloroethane	ug/kg	1250	1180	94	63-130	
1,2-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	95	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1160	93	70-130	
1,3-Dichloropropane	ug/kg	1250	1150	92	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1150	92	70-130	
2,2-Dichloropropane	ug/kg	1250	1250	100	66-130	
2-Butanone (MEK)	ug/kg	2500	2430	97	70-130	
2-Chlorotoluene	ug/kg	1250	1170	93	70-130	
2-Hexanone	ug/kg	2500	2310	93	70-130	
4-Chlorotoluene	ug/kg	1250	1150	92	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2400	96	70-130	
Acetone	ug/kg	2500	2110	85	69-130	
Benzene	ug/kg	1250	1210	97	70-130	
Bromobenzene	ug/kg	1250	1180	94	70-130	
Bromochloromethane	ug/kg	1250	1290	103	70-130	
Bromodichloromethane	ug/kg	1250	1230	98	69-130	
Bromoform	ug/kg	1250	1260	101	70-130	
Bromomethane	ug/kg	1250	1510	121	52-130	IK
Carbon tetrachloride	ug/kg	1250	1270	102	70-130	
Chlorobenzene	ug/kg	1250	1140	91	70-130	
Chloroethane	ug/kg	1250	1410	113	65-130	
Chloroform	ug/kg	1250	1250	100	70-130	
Chloromethane	ug/kg	1250	1240	99	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	99	70-130	
Dibromochloromethane	ug/kg	1250	1240	100	70-130	
Dibromomethane	ug/kg	1250	1260	101	70-130	
Dichlorodifluoromethane	ug/kg	1250	1340	107	45-156	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1090	87	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1190	95	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1180	95	70-130	
m&p-Xylene	ug/kg	2500	2310	92	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1210	96	70-130	
Methylene Chloride	ug/kg	1250	1120	90	65-130	
n-Butylbenzene	ug/kg	1250	1170	94	67-130	
n-Propylbenzene	ug/kg	1250	1160	93	70-130	
Naphthalene	ug/kg	1250	1160	93	70-130	
o-Xylene	ug/kg	1250	1150	92	70-130	
p-Isopropyltoluene	ug/kg	1250	1170	94	67-130	
sec-Butylbenzene	ug/kg	1250	1160	93	69-130	
Styrene	ug/kg	1250	1210	97	70-130	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

LABORATORY CONTROL SAMPLE: 3431820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1170	93	67-130	
Tetrachloroethene	ug/kg	1250	1190	95	70-130	
Toluene	ug/kg	1250	1180	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1320	105	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1220	98	68-130	
Trichloroethene	ug/kg	1250	1210	97	70-130	
Trichlorofluoromethane	ug/kg	1250	1240	99	70-130	
Vinyl acetate	ug/kg	2500	2490	100	70-130	
Vinyl chloride	ug/kg	1250	1300	104	61-130	
Xylene (Total)	ug/kg	3750	3460	92	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			102	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3431821 3431822

Parameter	Units	92567407001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	15400	15400	15000	16500	98	108	70-131	9	30	
1,1,1-Trichloroethane	ug/kg	ND	15400	15400	16400	18100	107	118	65-133	10	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	15400	15400	15200	16900	100	110	66-130	10	30	
1,1,2-Trichloroethane	ug/kg	ND	15400	15400	16000	18000	105	118	66-133	11	30	
1,1-Dichloroethane	ug/kg	ND	15400	15400	17200	18800	112	123	65-130	9	30	
1,1-Dichloroethene	ug/kg	ND	15400	15400	17900	19700	117	129	10-158	9	30	
1,1-Dichloropropene	ug/kg	ND	15400	15400	16800	18500	110	121	68-133	10	30	
1,2,3-Trichlorobenzene	ug/kg	ND	15400	15400	15100	16500	98	108	27-138	9	30	
1,2,3-Trichloropropane	ug/kg	ND	15400	15400	14900	16700	97	109	67-130	11	30	
1,2,4-Trichlorobenzene	ug/kg	ND	15400	15400	14900	16300	98	107	51-134	9	30	
1,2,4-Trimethylbenzene	ug/kg	48700	15400	15400	66700	67500	118	123	63-136	1	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	15400	15400	15500	17300	101	113	32-130	11	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	15400	15400	15200	16700	99	109	70-130	10	30	
1,2-Dichlorobenzene	ug/kg	ND	15400	15400	14800	16100	97	105	69-130	8	30	
1,2-Dichloroethane	ug/kg	ND	15400	15400	15300	16400	100	107	59-130	7	30	
1,2-Dichloropropane	ug/kg	ND	15400	15400	16200	17800	106	116	70-130	10	30	
1,3,5-Trimethylbenzene	ug/kg	14600	15400	15400	31200	32700	109	119	65-137	5	30	
1,3-Dichlorobenzene	ug/kg	ND	15400	15400	14700	16000	96	105	70-130	8	30	
1,3-Dichloropropane	ug/kg	ND	15400	15400	15000	16500	98	108	70-130	9	30	
1,4-Dichlorobenzene	ug/kg	ND	15400	15400	14700	16000	96	105	68-130	8	30	
2,2-Dichloropropane	ug/kg	ND	15400	15400	15700	17100	102	112	32-130	9	30	
2-Butanone (MEK)	ug/kg	ND	30600	30600	32400	36400	106	119	10-136	12	30	
2-Chlorotoluene	ug/kg	ND	15400	15400	16600	18000	109	117	69-141	8	30	
2-Hexanone	ug/kg	ND	30600	30600	31100	34800	102	114	10-144	11	30	
4-Chlorotoluene	ug/kg	ND	15400	15400	15300	16500	100	108	70-132	7	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	1630	30600	30600	31900	35900	99	112	25-143	12	30	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3431821 3431822

Parameter	Units	92567407001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/kg	2460J	30600	30600	27900	31800	83	96	10-130	13	30	
Benzene	ug/kg	6510	15400	15400	22700	24300	106	116	67-130	7	30	
Bromobenzene	ug/kg	ND	15400	15400	15100	16600	99	109	70-130	9	30	
Bromochloromethane	ug/kg	ND	15400	15400	16500	18100	108	118	69-134	9	30	
Bromodichloromethane	ug/kg	ND	15400	15400	15400	16900	101	111	64-130	10	30	
Bromoform	ug/kg	ND	15400	15400	14900	16800	97	110	62-130	12	30	
Bromomethane	ug/kg	ND	15400	15400	15000	16200	98	106	20-176	7	30	IK
Carbon tetrachloride	ug/kg	ND	15400	15400	16800	18700	110	122	65-140	10	30	
Chlorobenzene	ug/kg	ND	15400	15400	15400	16700	100	109	70-130	9	30	
Chloroethane	ug/kg	ND	15400	15400	17200	19000	113	124	10-130	10	30	
Chloroform	ug/kg	ND	15400	15400	16200	17600	106	115	63-130	8	30	
Chloromethane	ug/kg	ND	15400	15400	16700	18200	109	119	58-130	8	30	
cis-1,2-Dichloroethene	ug/kg	ND	15400	15400	16500	18000	108	118	66-130	9	30	
cis-1,3-Dichloropropene	ug/kg	ND	15400	15400	15600	17200	102	113	67-130	10	30	
Dibromochloromethane	ug/kg	ND	15400	15400	15300	16700	100	109	67-130	8	30	
Dibromomethane	ug/kg	ND	15400	15400	15800	17500	103	114	63-131	10	30	
Dichlorodifluoromethane	ug/kg	ND	15400	15400	18800	20800	123	136	44-180	10	30	
Diisopropyl ether	ug/kg	364	15400	15400	15800	17400	101	111	63-130	10	30	
Ethylbenzene	ug/kg	20900	15400	15400	36000	37400	99	108	66-130	4	30	
Hexachloro-1,3-butadiene	ug/kg	ND	15400	15400	15800	17600	103	115	64-150	11	30	
Isopropylbenzene (Cumene)	ug/kg	2280	15400	15400	18300	19900	105	115	69-135	8	30	
m&p-Xylene	ug/kg	84700	30600	30600	117000	120000	106	114	60-133	2	30	
Methyl-tert-butyl ether	ug/kg	ND	15400	15400	15100	16600	99	109	65-130	10	30	
Methylene Chloride	ug/kg	ND	15400	15400	14600	16100	95	105	61-130	10	30	
n-Butylbenzene	ug/kg	2530	15400	15400	18900	20500	107	117	65-140	8	30	
n-Propylbenzene	ug/kg	8220	15400	15400	23500	24700	100	108	67-140	5	30	
Naphthalene	ug/kg	6270	15400	15400	21500	23300	99	112	15-145	8	30	
o-Xylene	ug/kg	34400	15400	15400	50500	52300	105	117	66-133	3	30	
p-Isopropyltoluene	ug/kg	2280	15400	15400	17900	19300	102	111	56-147	7	30	
sec-Butylbenzene	ug/kg	ND	15400	15400	16500	17700	108	116	65-139	7	30	
Styrene	ug/kg	ND	15400	15400	16100	18300	105	120	70-132	13	30	
tert-Butylbenzene	ug/kg	ND	15400	15400	14700	15700	96	103	62-135	6	30	
Tetrachloroethene	ug/kg	ND	15400	15400	15600	16900	102	110	70-135	8	30	
Toluene	ug/kg	66700	15400	15400	84000	86600	113	130	67-130	3	30	
trans-1,2-Dichloroethene	ug/kg	ND	15400	15400	17400	19300	113	126	69-130	10	30	
trans-1,3-Dichloropropene	ug/kg	ND	15400	15400	15000	16400	98	107	62-130	9	30	
Trichloroethene	ug/kg	ND	15400	15400	16400	18100	107	118	70-135	10	30	
Trichlorofluoromethane	ug/kg	ND	15400	15400	16800	18700	110	122	10-130	11	30	
Vinyl acetate	ug/kg	ND	30600	30600	30600	34200	100	112	53-130	11	30	
Vinyl chloride	ug/kg	ND	15400	15400	18000	19900	118	130	61-148	10	30	
Xylene (Total)	ug/kg	119000	46000	46000	168000	172000	106	115	63-132	3	30	
1,2-Dichloroethane-d4 (S)	%						97	97	70-130			
4-Bromofluorobenzene (S)	%						103	103	69-134			
Toluene-d8 (S)	%						99	100	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

QC Batch: 654674
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92568134001

METHOD BLANK: 3432814 Matrix: Solid
Associated Lab Samples: 92568134001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/22/21 13:59	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/22/21 13:59	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/22/21 13:59	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/22/21 13:59	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/22/21 13:59	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/22/21 13:59	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/22/21 13:59	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/22/21 13:59	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/22/21 13:59	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/22/21 13:59	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/22/21 13:59	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/22/21 13:59	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/22/21 13:59	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/22/21 13:59	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/22/21 13:59	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/22/21 13:59	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/22/21 13:59	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/22/21 13:59	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/22/21 13:59	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/22/21 13:59	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/22/21 13:59	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/22/21 13:59	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/22/21 13:59	
2-Hexanone	ug/kg	ND	50.0	4.8	10/22/21 13:59	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/22/21 13:59	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/22/21 13:59	
Acetone	ug/kg	ND	100	32.1	10/22/21 13:59	
Benzene	ug/kg	ND	5.0	2.0	10/22/21 13:59	
Bromobenzene	ug/kg	ND	5.0	1.6	10/22/21 13:59	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/22/21 13:59	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/22/21 13:59	
Bromoform	ug/kg	ND	5.0	1.8	10/22/21 13:59	
Bromomethane	ug/kg	ND	10.0	7.9	10/22/21 13:59	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/22/21 13:59	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/22/21 13:59	
Chloroethane	ug/kg	ND	10.0	3.9	10/22/21 13:59	
Chloroform	ug/kg	ND	5.0	3.0	10/22/21 13:59	
Chloromethane	ug/kg	ND	10.0	4.2	10/22/21 13:59	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/22/21 13:59	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/22/21 13:59	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

METHOD BLANK: 3432814 Matrix: Solid
Associated Lab Samples: 92568134001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/22/21 13:59	
Dibromomethane	ug/kg	ND	5.0	1.1	10/22/21 13:59	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/22/21 13:59	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/22/21 13:59	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/22/21 13:59	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/22/21 13:59	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/22/21 13:59	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/22/21 13:59	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/22/21 13:59	
Methylene Chloride	ug/kg	ND	20.0	13.7	10/22/21 13:59	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/22/21 13:59	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/22/21 13:59	
Naphthalene	ug/kg	ND	5.0	2.6	10/22/21 13:59	
o-Xylene	ug/kg	ND	5.0	2.2	10/22/21 13:59	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/22/21 13:59	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/22/21 13:59	
Styrene	ug/kg	ND	5.0	1.3	10/22/21 13:59	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/22/21 13:59	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/22/21 13:59	
Toluene	ug/kg	ND	5.0	1.4	10/22/21 13:59	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/22/21 13:59	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/22/21 13:59	
Trichloroethene	ug/kg	ND	5.0	1.3	10/22/21 13:59	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/22/21 13:59	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/22/21 13:59	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/22/21 13:59	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/22/21 13:59	
1,2-Dichloroethane-d4 (S)	%	104	70-130		10/22/21 13:59	
4-Bromofluorobenzene (S)	%	102	69-134		10/22/21 13:59	
Toluene-d8 (S)	%	99	70-130		10/22/21 13:59	

LABORATORY CONTROL SAMPLE: 3432815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1260	101	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1340	108	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1280	102	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1320	106	70-130	
1,1-Dichloroethane	ug/kg	1250	1410	113	70-130	
1,1-Dichloroethene	ug/kg	1250	1470	118	70-130	
1,1-Dichloropropene	ug/kg	1250	1370	110	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1280	102	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1290	103	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1270	102	68-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

LABORATORY CONTROL SAMPLE: 3432815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1240	99	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1400	112	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1300	104	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1220	98	70-130	
1,2-Dichloroethane	ug/kg	1250	1270	101	63-130	
1,2-Dichloropropane	ug/kg	1250	1350	108	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1270	102	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1200	96	70-130	
1,3-Dichloropropane	ug/kg	1250	1260	101	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1240	99	70-130	
2,2-Dichloropropane	ug/kg	1250	1370	109	66-130	
2-Butanone (MEK)	ug/kg	2500	2790	112	70-130	
2-Chlorotoluene	ug/kg	1250	1270	101	70-130	
2-Hexanone	ug/kg	2500	2640	106	70-130	
4-Chlorotoluene	ug/kg	1250	1230	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2700	108	70-130	
Acetone	ug/kg	2500	2410	96	69-130	
Benzene	ug/kg	1250	1310	105	70-130	
Bromobenzene	ug/kg	1250	1270	102	70-130	
Bromochloromethane	ug/kg	1250	1390	111	70-130	
Bromodichloromethane	ug/kg	1250	1320	106	69-130	
Bromoform	ug/kg	1250	1360	109	70-130	
Bromomethane	ug/kg	1250	1530	123	52-130	IK
Carbon tetrachloride	ug/kg	1250	1390	111	70-130	
Chlorobenzene	ug/kg	1250	1230	98	70-130	
Chloroethane	ug/kg	1250	1550	124	65-130	
Chloroform	ug/kg	1250	1350	108	70-130	
Chloromethane	ug/kg	1250	1360	109	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1370	110	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1350	108	70-130	
Dibromochloromethane	ug/kg	1250	1340	108	70-130	
Dibromomethane	ug/kg	1250	1360	109	70-130	
Dichlorodifluoromethane	ug/kg	1250	1490	119	45-156	
Diisopropyl ether	ug/kg	1250	1300	104	70-130	
Ethylbenzene	ug/kg	1250	1180	94	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1280	102	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1270	102	70-130	
m&p-Xylene	ug/kg	2500	2490	100	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1310	105	70-130	
Methylene Chloride	ug/kg	1250	1210	97	65-130	
n-Butylbenzene	ug/kg	1250	1250	100	67-130	
n-Propylbenzene	ug/kg	1250	1240	99	70-130	
Naphthalene	ug/kg	1250	1250	100	70-130	
o-Xylene	ug/kg	1250	1230	98	70-130	
p-Isopropyltoluene	ug/kg	1250	1260	101	67-130	
sec-Butylbenzene	ug/kg	1250	1240	99	69-130	
Styrene	ug/kg	1250	1310	105	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

LABORATORY CONTROL SAMPLE: 3432815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1170	94	67-130	
Tetrachloroethene	ug/kg	1250	1290	103	70-130	
Toluene	ug/kg	1250	1280	103	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1450	116	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1330	106	68-130	
Trichloroethene	ug/kg	1250	1320	106	70-130	
Trichlorofluoromethane	ug/kg	1250	1390	111	70-130	
Vinyl acetate	ug/kg	2500	2740	109	70-130	
Vinyl chloride	ug/kg	1250	1460	117	61-130	
Xylene (Total)	ug/kg	3750	3720	99	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			103	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3432816 3432817

Parameter	Units	92568134001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	1500	1500	1540	900	103	60	70-131	53	30	M1,R1
1,1,1-Trichloroethane	ug/kg	ND	1500	1500	1710	982	114	65	65-133	54	30	R1
1,1,2,2-Tetrachloroethane	ug/kg	ND	1500	1500	1550	900	103	60	66-130	53	30	M1,R1
1,1,2-Trichloroethane	ug/kg	ND	1500	1500	1710	1020	114	68	66-133	51	30	R1
1,1-Dichloroethane	ug/kg	ND	1500	1500	1750	992	116	66	65-130	55	30	R1
1,1-Dichloroethene	ug/kg	ND	1500	1500	1850	1050	123	70	10-158	55	30	R1
1,1-Dichloropropene	ug/kg	ND	1500	1500	1750	1020	116	68	68-133	53	30	R1
1,2,3-Trichlorobenzene	ug/kg	ND	1500	1500	1570	932	105	62	27-138	51	30	R1
1,2,3-Trichloropropane	ug/kg	ND	1500	1500	1520	881	101	59	67-130	53	30	M1,R1
1,2,4-Trichlorobenzene	ug/kg	ND	1500	1500	1560	937	104	62	51-134	50	30	R1
1,2,4-Trimethylbenzene	ug/kg	5710	1500	1500	7450	6890	116	79	63-136	8	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1500	1500	1610	862	107	57	32-130	61	30	R1
1,2-Dibromoethane (EDB)	ug/kg	ND	1500	1500	1580	906	105	60	70-130	54	30	M1,R1
1,2-Dichlorobenzene	ug/kg	ND	1500	1500	1510	914	100	61	69-130	49	30	M1,R1
1,2-Dichloroethane	ug/kg	ND	1500	1500	1620	902	108	60	59-130	57	30	R1
1,2-Dichloropropane	ug/kg	ND	1500	1500	1740	989	116	66	70-130	55	30	M1,R1
1,3,5-Trimethylbenzene	ug/kg	1610	1500	1500	3290	2650	111	69	65-137	22	30	
1,3-Dichlorobenzene	ug/kg	ND	1500	1500	1510	910	100	61	70-130	49	30	M1,R1
1,3-Dichloropropane	ug/kg	ND	1500	1500	1570	911	105	61	70-130	53	30	M1,R1
1,4-Dichlorobenzene	ug/kg	ND	1500	1500	1520	905	101	60	68-130	51	30	M1,R1
2,2-Dichloropropane	ug/kg	ND	1500	1500	1690	954	112	63	32-130	55	30	R1
2-Butanone (MEK)	ug/kg	ND	3010	3010	3710	2360	123	79	10-136	44	30	R1
2-Chlorotoluene	ug/kg	ND	1500	1500	1700	1080	113	72	69-141	44	30	R1
2-Hexanone	ug/kg	ND	3010	3010	3110	1720	103	57	10-144	57	30	R1
4-Chlorotoluene	ug/kg	ND	1500	1500	1530	952	102	63	70-132	46	30	M1,R1
4-Methyl-2-pentanone (MIBK)	ug/kg	240	3010	3010	3360	1910	104	55	25-143	55	30	R1

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3432816 3432817

Parameter	Units	92568134001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/kg	ND	3010	3010	1960	968	65	32	10-130	68	30	R1
Benzene	ug/kg	555	1500	1500	2260	1550	113	66	67-130	37	30	M1,R1
Bromobenzene	ug/kg	ND	1500	1500	1540	920	102	61	70-130	50	30	M1,R1
Bromochloromethane	ug/kg	ND	1500	1500	1700	947	113	63	69-134	57	30	M1,R1
Bromodichloromethane	ug/kg	ND	1500	1500	1590	965	106	64	64-130	49	30	R1
Bromoform	ug/kg	ND	1500	1500	1490	823	99	55	62-130	58	30	M1,R1
Bromomethane	ug/kg	ND	1500	1500	1260	693	84	46	20-176	58	30	IK,R1
Carbon tetrachloride	ug/kg	ND	1500	1500	1700	981	113	65	65-140	54	30	R1
Chlorobenzene	ug/kg	7.8J	1500	1500	1580	948	105	62	70-130	50	30	M1,R1
Chloroethane	ug/kg	ND	1500	1500	424	237	28	16	10-130	57	30	R1
Chloroform	ug/kg	ND	1500	1500	1720	994	115	66	63-130	54	30	R1
Chloromethane	ug/kg	ND	1500	1500	1830	1050	122	70	58-130	55	30	R1
cis-1,2-Dichloroethene	ug/kg	ND	1500	1500	1760	1010	117	67	66-130	54	30	R1
cis-1,3-Dichloropropene	ug/kg	ND	1500	1500	1650	932	110	62	67-130	56	30	M1,R1
Dibromochloromethane	ug/kg	ND	1500	1500	1550	872	103	58	67-130	56	30	M1,R1
Dibromomethane	ug/kg	ND	1500	1500	1650	940	110	62	63-131	55	30	M1,R1
Dichlorodifluoromethane	ug/kg	ND	1500	1500	2000	1110	133	74	44-180	57	30	R1
Diisopropyl ether	ug/kg	83.6	1500	1500	1750	994	111	60	63-130	55	30	M1,R1
Ethylbenzene	ug/kg	3110	1500	1500	4640	4120	102	67	66-130	12	30	
Hexachloro-1,3-butadiene	ug/kg	ND	1500	1500	1630	925	108	61	64-150	55	30	M1,R1
Isopropylbenzene (Cumene)	ug/kg	298	1500	1500	1940	1280	109	65	69-135	41	30	M1,R1
m&p-Xylene	ug/kg	12400	3010	3010	15600	15000	106	85	60-133	4	30	
Methyl-tert-butyl ether	ug/kg	ND	1500	1500	1650	908	109	60	65-130	58	30	M1,R1
Methylene Chloride	ug/kg	ND	1500	1500	1560	911	103	61	61-130	52	30	R1
n-Butylbenzene	ug/kg	335	1500	1500	2050	1320	114	65	65-140	43	30	R1
n-Propylbenzene	ug/kg	1050	1500	1500	2550	1980	100	62	67-140	25	30	M1
Naphthalene	ug/kg	664	1500	1500	2150	1490	99	55	15-145	36	30	R1
o-Xylene	ug/kg	4830	1500	1500	6350	5940	101	74	66-133	7	30	
p-Isopropyltoluene	ug/kg	265	1500	1500	1870	1210	107	63	56-147	43	30	R1
sec-Butylbenzene	ug/kg	ND	1500	1500	1690	931	112	62	65-139	58	30	M1,R1
Styrene	ug/kg	ND	1500	1500	1670	971	111	65	70-132	53	30	M1,R1
tert-Butylbenzene	ug/kg	ND	1500	1500	1580	852	105	57	62-135	60	30	M1,R1
Tetrachloroethene	ug/kg	ND	1500	1500	1540	953	103	63	70-135	47	30	M1,R1
Toluene	ug/kg	9440	1500	1500	11500	10900	139	96	67-130	6	30	M1
trans-1,2-Dichloroethene	ug/kg	ND	1500	1500	1860	1050	123	70	69-130	56	30	R1
trans-1,3-Dichloropropene	ug/kg	ND	1500	1500	1570	888	104	59	62-130	56	30	M1,R1
Trichloroethene	ug/kg	ND	1500	1500	1700	966	113	64	70-135	55	30	M1,R1
Trichlorofluoromethane	ug/kg	ND	1500	1500	485	288	32	19	10-130	51	30	R1
Vinyl acetate	ug/kg	ND	3010	3010	3330	1830	111	61	53-130	58	30	R1
Vinyl chloride	ug/kg	ND	1500	1500	1920	1080	128	72	61-148	56	30	R1
Xylene (Total)	ug/kg	17200	4510	4510	22000	20900	104	82	63-132	5	30	
1,2-Dichloroethane-d4 (S)	%						106	103	70-130			
4-Bromofluorobenzene (S)	%						102	103	69-134			
Toluene-d8 (S)	%						99	98	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

QC Batch: 654456
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92568134001, 92568134002

SAMPLE DUPLICATE: 3431662

Parameter	Units	92567545010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.5	19.3	1	25	N2

SAMPLE DUPLICATE: 3431855

Parameter	Units	92568177005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	28.3	28.4	0	25	N2

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QUALIFIERS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C9	Common Laboratory Contaminant.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568134

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92568134001	**RW-90 (16-18)**	MADEP VPH	654415	MADEP VPH	654532
92568134002	**RW-90 (52-54)**	MADEP VPH	654415	MADEP VPH	654532
92568134001	**RW-90 (16-18)**	EPA 5035A/5030B	654674	EPA 8260D	654757
92568134002	**RW-90 (52-54)**	EPA 5035A/5030B	654478	EPA 8260D	654495
92568134001	**RW-90 (16-18)**	SW-846	654456		
92568134002	**RW-90 (52-54)**	SW-846	654456		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/ MT

WO# : 92568134

92568134

ALL SHADED A

Company: APEX COMPANIES, LLC	Billing Information:
Address: 5900 NORTHWOODS BUSINESS PKWY	
Report To: ANDREW STREET TOM NAUMANN	Email To:
Copy To: JOHN SPREEKER	Site Collection Info/Address:
Customer Project Name/Number: CPC HUNTERSVILLE /	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [X] No
Collected By (print): CHRIS REEVES	Purchase Order #: Quote #: 2020-11-2248 DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STANDARD Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: MADEP VPH	Analyses: VOCs BY 8260	Lab Profile/Line:
RW-90 (16-18)	SOIL	GRAB	10.20.21					3	X	X	92568134 001
RW-90 (52-54)	SOIL	GRAB	10.20.21					3	X	X	002

Container Preservative Type ** : 6 6

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: None

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546889

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92106H
Cooler 1 Temp Upon Receipt: 2.5 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 2.5 oC
Comments:

Relinquished by/Company: (Signature) APEX	Date/Time: 10.20.21/1750	Received by/Company: (Signature) KS Pace HVL	Date/Time: 10/20/21 1750
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N (NA)
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

WO# : 92568134

PM: AMB Due Date: 10/27/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AGGU-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																						3							
2																						3							
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 28, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 21, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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SAMPLE SUMMARY

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92568326001	**PRW-A**	Solid	10/21/21 14:10	10/21/21 17:35

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92568326001	**PRW-A**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

Sample: PRW-A **Lab ID: 92568326001** Collected: 10/21/21 14:10 Received: 10/21/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**3720**	mg/kg	36.7	36.7	10	10/26/21 16:36	10/27/21 05:18		N2
Aliphatic (C05-C08)	**1650**	mg/kg	36.7	36.7	10	10/26/21 16:36	10/27/21 05:18		N2
Aliphatic(C09-C12) Adjusted	**1390**	mg/kg	36.7	36.7	10	10/26/21 16:36	10/27/21 05:18		N2
Aromatic (C09-C10)	**674**	mg/kg	36.7	36.7	10	10/26/21 16:36	10/27/21 05:18		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	150	%	70-130		10	10/26/21 16:36	10/27/21 05:18	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	107	%	70-130		10	10/26/21 16:36	10/27/21 05:18	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	1450	466	10	10/22/21 17:57	10/23/21 11:16	67-64-1	
Benzene	**1970**	ug/kg	72.6	28.9	10	10/22/21 17:57	10/23/21 11:16	71-43-2	
Bromobenzene	ND	ug/kg	72.6	23.7	10	10/22/21 17:57	10/23/21 11:16	108-86-1	
Bromochloromethane	ND	ug/kg	72.6	21.5	10	10/22/21 17:57	10/23/21 11:16	74-97-5	
Bromodichloromethane	ND	ug/kg	72.6	28.0	10	10/22/21 17:57	10/23/21 11:16	75-27-4	
Bromoform	ND	ug/kg	72.6	25.5	10	10/22/21 17:57	10/23/21 11:16	75-25-2	
Bromomethane	ND	ug/kg	145	115	10	10/22/21 17:57	10/23/21 11:16	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	1450	348	10	10/22/21 17:57	10/23/21 11:16	78-93-3	
n-Butylbenzene	**3770**	ug/kg	72.6	34.2	10	10/22/21 17:57	10/23/21 11:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	72.6	31.9	10	10/22/21 17:57	10/23/21 11:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	72.6	25.8	10	10/22/21 17:57	10/23/21 11:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	72.6	27.1	10	10/22/21 17:57	10/23/21 11:16	56-23-5	
Chlorobenzene	**97.5**	ug/kg	72.6	13.9	10	10/22/21 17:57	10/23/21 11:16	108-90-7	
Chloroethane	ND	ug/kg	145	56.0	10	10/22/21 17:57	10/23/21 11:16	75-00-3	
Chloroform	ND	ug/kg	72.6	44.1	10	10/22/21 17:57	10/23/21 11:16	67-66-3	
Chloromethane	ND	ug/kg	145	60.9	10	10/22/21 17:57	10/23/21 11:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	72.6	25.7	10	10/22/21 17:57	10/23/21 11:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	72.6	12.8	10	10/22/21 17:57	10/23/21 11:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	72.6	28.2	10	10/22/21 17:57	10/23/21 11:16	96-12-8	
Dibromochloromethane	ND	ug/kg	72.6	40.8	10	10/22/21 17:57	10/23/21 11:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	72.6	31.9	10	10/22/21 17:57	10/23/21 11:16	106-93-4	
Dibromomethane	ND	ug/kg	72.6	15.5	10	10/22/21 17:57	10/23/21 11:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	72.6	26.1	10	10/22/21 17:57	10/23/21 11:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	72.6	22.5	10	10/22/21 17:57	10/23/21 11:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	72.6	18.9	10	10/22/21 17:57	10/23/21 11:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	145	31.5	10	10/22/21 17:57	10/23/21 11:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	72.6	29.9	10	10/22/21 17:57	10/23/21 11:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	72.6	48.0	10	10/22/21 17:57	10/23/21 11:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	72.6	29.9	10	10/22/21 17:57	10/23/21 11:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	72.6	24.8	10	10/22/21 17:57	10/23/21 11:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	72.6	25.4	10	10/22/21 17:57	10/23/21 11:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	72.6	21.8	10	10/22/21 17:57	10/23/21 11:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	72.6	22.6	10	10/22/21 17:57	10/23/21 11:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	72.6	23.7	10	10/22/21 17:57	10/23/21 11:16	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

Sample: PRW-A **Lab ID: 92568326001** Collected: 10/21/21 14:10 Received: 10/21/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	72.6	34.8	10	10/22/21 17:57	10/23/21 11:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	72.6	19.7	10	10/22/21 17:57	10/23/21 11:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	72.6	25.0	10	10/22/21 17:57	10/23/21 11:16	10061-02-6	
Diisopropyl ether	**120**	ug/kg	72.6	19.6	10	10/22/21 17:57	10/23/21 11:16	108-20-3	
Ethylbenzene	**23000**	ug/kg	72.6	33.8	10	10/22/21 17:57	10/23/21 11:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	145	119	10	10/22/21 17:57	10/23/21 11:16	87-68-3	
2-Hexanone	ND	ug/kg	726	69.9	10	10/22/21 17:57	10/23/21 11:16	591-78-6	
Isopropylbenzene (Cumene)	**2720**	ug/kg	72.6	24.7	10	10/22/21 17:57	10/23/21 11:16	98-82-8	
p-Isopropyltoluene	**3200**	ug/kg	72.6	35.7	10	10/22/21 17:57	10/23/21 11:16	99-87-6	
Methylene Chloride	ND	ug/kg	290	199	10	10/22/21 17:57	10/23/21 11:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**2260**	ug/kg	726	69.9	10	10/22/21 17:57	10/23/21 11:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	72.6	27.1	10	10/22/21 17:57	10/23/21 11:16	1634-04-4	
Naphthalene	**9300**	ug/kg	72.6	38.2	10	10/22/21 17:57	10/23/21 11:16	91-20-3	
n-Propylbenzene	**11400**	ug/kg	72.6	25.8	10	10/22/21 17:57	10/23/21 11:16	103-65-1	
Styrene	ND	ug/kg	72.6	19.2	10	10/22/21 17:57	10/23/21 11:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	72.6	27.9	10	10/22/21 17:57	10/23/21 11:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	72.6	19.2	10	10/22/21 17:57	10/23/21 11:16	79-34-5	
Tetrachloroethene	ND	ug/kg	72.6	22.9	10	10/22/21 17:57	10/23/21 11:16	127-18-4	
Toluene	**50100**	ug/kg	72.6	20.6	10	10/22/21 17:57	10/23/21 11:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	72.6	58.6	10	10/22/21 17:57	10/23/21 11:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	72.6	60.9	10	10/22/21 17:57	10/23/21 11:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	72.6	37.7	10	10/22/21 17:57	10/23/21 11:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	72.6	24.1	10	10/22/21 17:57	10/23/21 11:16	79-00-5	
Trichloroethene	ND	ug/kg	72.6	18.7	10	10/22/21 17:57	10/23/21 11:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	72.6	39.9	10	10/22/21 17:57	10/23/21 11:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	72.6	36.7	10	10/22/21 17:57	10/23/21 11:16	96-18-4	
1,2,4-Trimethylbenzene	**67800**	ug/kg	72.6	19.9	10	10/22/21 17:57	10/23/21 11:16	95-63-6	
1,3,5-Trimethylbenzene	**20900**	ug/kg	72.6	24.4	10	10/22/21 17:57	10/23/21 11:16	108-67-8	
Vinyl acetate	ND	ug/kg	726	52.8	10	10/22/21 17:57	10/23/21 11:16	108-05-4	
Vinyl chloride	ND	ug/kg	145	36.9	10	10/22/21 17:57	10/23/21 11:16	75-01-4	
Xylene (Total)	**133000**	ug/kg	145	41.4	10	10/22/21 17:57	10/23/21 11:16	1330-20-7	
m&p-Xylene	**94000**	ug/kg	145	49.6	10	10/22/21 17:57	10/23/21 11:16	179601-23-1	
o-Xylene	**39100**	ug/kg	72.6	32.1	10	10/22/21 17:57	10/23/21 11:16	95-47-6	
Surrogates									
Toluene-d8 (S)	97	%	70-130		10	10/22/21 17:57	10/23/21 11:16	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		10	10/22/21 17:57	10/23/21 11:16	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		10	10/22/21 17:57	10/23/21 11:16	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**18.4**	%	0.10	0.10	1		10/22/21 14:15		N2

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

QC Batch: 655377
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92568326001

METHOD BLANK: 3436290 Matrix: Solid
Associated Lab Samples: 92568326001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/26/21 16:31	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/26/21 16:31	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		10/26/21 16:31	
4-Bromofluorobenzene (PID) (S)	%	101	70-130		10/26/21 16:31	

LABORATORY CONTROL SAMPLE & LCSD: 3436291 3436292

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	14.0	13.7	94	92	70-130	2	25	N2
Aromatic (C09-C10)	mg/kg	5	5.4	5.3	109	107	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	98	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

QC Batch: 654797
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92568326001

METHOD BLANK: 3433656 Matrix: Solid
Associated Lab Samples: 92568326001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/23/21 02:38	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/23/21 02:38	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/23/21 02:38	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/23/21 02:38	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/23/21 02:38	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/23/21 02:38	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/23/21 02:38	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/23/21 02:38	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/23/21 02:38	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/23/21 02:38	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/23/21 02:38	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/23/21 02:38	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/23/21 02:38	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/23/21 02:38	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/23/21 02:38	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/23/21 02:38	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/23/21 02:38	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/23/21 02:38	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/23/21 02:38	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/23/21 02:38	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/23/21 02:38	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/23/21 02:38	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/23/21 02:38	
2-Hexanone	ug/kg	ND	50.0	4.8	10/23/21 02:38	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/23/21 02:38	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/23/21 02:38	
Acetone	ug/kg	ND	100	32.1	10/23/21 02:38	
Benzene	ug/kg	ND	5.0	2.0	10/23/21 02:38	
Bromobenzene	ug/kg	ND	5.0	1.6	10/23/21 02:38	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/23/21 02:38	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/23/21 02:38	
Bromoform	ug/kg	ND	5.0	1.8	10/23/21 02:38	
Bromomethane	ug/kg	ND	10.0	7.9	10/23/21 02:38	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/23/21 02:38	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/23/21 02:38	
Chloroethane	ug/kg	ND	10.0	3.9	10/23/21 02:38	
Chloroform	ug/kg	ND	5.0	3.0	10/23/21 02:38	
Chloromethane	ug/kg	ND	10.0	4.2	10/23/21 02:38	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/23/21 02:38	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/23/21 02:38	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

METHOD BLANK: 3433656 Matrix: Solid
Associated Lab Samples: 92568326001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/23/21 02:38	
Dibromomethane	ug/kg	ND	5.0	1.1	10/23/21 02:38	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/23/21 02:38	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/23/21 02:38	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/23/21 02:38	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/23/21 02:38	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/23/21 02:38	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/23/21 02:38	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/23/21 02:38	
Methylene Chloride	ug/kg	ND	20.0	13.7	10/23/21 02:38	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/23/21 02:38	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/23/21 02:38	
Naphthalene	ug/kg	ND	5.0	2.6	10/23/21 02:38	
o-Xylene	ug/kg	ND	5.0	2.2	10/23/21 02:38	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/23/21 02:38	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/23/21 02:38	
Styrene	ug/kg	ND	5.0	1.3	10/23/21 02:38	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/23/21 02:38	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/23/21 02:38	
Toluene	ug/kg	ND	5.0	1.4	10/23/21 02:38	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/23/21 02:38	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/23/21 02:38	
Trichloroethene	ug/kg	ND	5.0	1.3	10/23/21 02:38	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/23/21 02:38	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/23/21 02:38	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/23/21 02:38	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/23/21 02:38	
1,2-Dichloroethane-d4 (S)	%	103	70-130		10/23/21 02:38	
4-Bromofluorobenzene (S)	%	103	69-134		10/23/21 02:38	
Toluene-d8 (S)	%	98	70-130		10/23/21 02:38	

LABORATORY CONTROL SAMPLE: 3433657

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1140	91	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1230	99	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1170	94	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1210	97	70-130	
1,1-Dichloroethane	ug/kg	1250	1300	104	70-130	
1,1-Dichloroethene	ug/kg	1250	1360	109	70-130	
1,1-Dichloropropene	ug/kg	1250	1250	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1110	89	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1170	94	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1090	87	68-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

LABORATORY CONTROL SAMPLE: 3433657

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1100	88	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1250	100	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1180	94	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1080	86	70-130	
1,2-Dichloroethane	ug/kg	1250	1170	94	63-130	
1,2-Dichloropropane	ug/kg	1250	1260	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1120	90	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1080	86	70-130	
1,3-Dichloropropane	ug/kg	1250	1140	91	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1140	91	70-130	
2,2-Dichloropropane	ug/kg	1250	1190	96	66-130	
2-Butanone (MEK)	ug/kg	2500	2520	101	70-130	
2-Chlorotoluene	ug/kg	1250	1120	90	70-130	
2-Hexanone	ug/kg	2500	2450	98	70-130	
4-Chlorotoluene	ug/kg	1250	1080	86	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2510	101	70-130	
Acetone	ug/kg	2500	2300	92	69-130	
Benzene	ug/kg	1250	1210	97	70-130	
Bromobenzene	ug/kg	1250	1120	90	70-130	
Bromochloromethane	ug/kg	1250	1290	103	70-130	
Bromodichloromethane	ug/kg	1250	1200	96	69-130	
Bromoform	ug/kg	1250	1210	97	70-130	
Bromomethane	ug/kg	1250	1410	113	52-130	IK
Carbon tetrachloride	ug/kg	1250	1260	101	70-130	
Chlorobenzene	ug/kg	1250	1120	89	70-130	
Chloroethane	ug/kg	1250	1420	114	65-130	
Chloroform	ug/kg	1250	1250	100	70-130	
Chloromethane	ug/kg	1250	1270	101	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1270	102	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1230	99	70-130	
Dibromochloromethane	ug/kg	1250	1200	96	70-130	
Dibromomethane	ug/kg	1250	1250	100	70-130	
Dichlorodifluoromethane	ug/kg	1250	1360	109	45-156	
Diisopropyl ether	ug/kg	1250	1220	97	70-130	
Ethylbenzene	ug/kg	1250	1060	85	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1080	86	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1140	91	70-130	
m&p-Xylene	ug/kg	2500	2240	90	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1210	97	70-130	
Methylene Chloride	ug/kg	1250	1130	90	65-130	
n-Butylbenzene	ug/kg	1250	1100	88	67-130	
n-Propylbenzene	ug/kg	1250	1100	88	70-130	
Naphthalene	ug/kg	1250	1110	89	70-130	
o-Xylene	ug/kg	1250	1110	89	70-130	
p-Isopropyltoluene	ug/kg	1250	1100	88	67-130	
sec-Butylbenzene	ug/kg	1250	1090	87	69-130	
Styrene	ug/kg	1250	1180	95	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

LABORATORY CONTROL SAMPLE: 3433657

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1070	85	67-130	
Tetrachloroethene	ug/kg	1250	1170	94	70-130	
Toluene	ug/kg	1250	1180	94	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1340	107	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1210	97	68-130	
Trichloroethene	ug/kg	1250	1210	97	70-130	
Trichlorofluoromethane	ug/kg	1250	1250	100	70-130	
Vinyl acetate	ug/kg	2500	2520	101	70-130	
Vinyl chloride	ug/kg	1250	1350	108	61-130	
Xylene (Total)	ug/kg	3750	3350	89	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			101	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 3433659

Parameter	Units	92568215003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1280	1390	109	70-131	
1,1,1-Trichloroethane	ug/kg	ND	1280	1400	110	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1280	1360	106	66-130	
1,1,2-Trichloroethane	ug/kg	ND	1280	1350	105	66-133	
1,1-Dichloroethane	ug/kg	ND	1280	1420	111	65-130	
1,1-Dichloroethene	ug/kg	ND	1280	1470	115	10-158	
1,1-Dichloropropene	ug/kg	ND	1280	1430	112	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	1280	1090	85	27-138	
1,2,3-Trichloropropane	ug/kg	ND	1280	1260	99	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	1280	1400	110	51-134	
1,2,4-Trimethylbenzene	ug/kg	17.6	1280	1460	113	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1280	1260	99	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	1280	1380	108	70-130	
1,2-Dichlorobenzene	ug/kg	ND	1280	1410	110	69-130	
1,2-Dichloroethane	ug/kg	ND	1280	1290	101	59-130	
1,2-Dichloropropane	ug/kg	ND	1280	1450	113	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	1280	1500	117	65-137	
1,3-Dichlorobenzene	ug/kg	ND	1280	1380	108	70-130	
1,3-Dichloropropane	ug/kg	ND	1280	1390	108	70-130	
1,4-Dichlorobenzene	ug/kg	ND	1280	1440	113	68-130	
2,2-Dichloropropane	ug/kg	ND	1280	763	60	32-130	
2-Butanone (MEK)	ug/kg	ND	2560	2280	89	10-136	
2-Chlorotoluene	ug/kg	ND	1280	1430	112	69-141	
2-Hexanone	ug/kg	ND	2560	2270	89	10-144	
4-Chlorotoluene	ug/kg	ND	1280	1410	110	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	2560	2500	98	25-143	
Acetone	ug/kg	ND	2560	1630	64	10-130	
Benzene	ug/kg	ND	1280	1430	112	67-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

MATRIX SPIKE SAMPLE: 3433659

Parameter	Units	92568215003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	1280	1420	111	70-130	
Bromochloromethane	ug/kg	ND	1280	1310	103	69-134	
Bromodichloromethane	ug/kg	ND	1280	1320	104	64-130	
Bromoform	ug/kg	ND	1280	1350	105	62-130	
Bromomethane	ug/kg	ND	1280	792	62	20-176	IK
Carbon tetrachloride	ug/kg	ND	1280	1460	114	65-140	
Chlorobenzene	ug/kg	ND	1280	1400	110	70-130	
Chloroethane	ug/kg	ND	1280	236	19	10-130	
Chloroform	ug/kg	ND	1280	1370	107	63-130	
Chloromethane	ug/kg	ND	1280	1430	112	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	1280	1410	110	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	1280	1210	94	67-130	
Dibromochloromethane	ug/kg	ND	1280	1370	108	67-130	
Dibromomethane	ug/kg	ND	1280	1340	105	63-131	
Dichlorodifluoromethane	ug/kg	ND	1280	1450	114	44-180	
Diisopropyl ether	ug/kg	ND	1280	1320	103	63-130	
Ethylbenzene	ug/kg	ND	1280	1380	107	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	1280	1550	121	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	1280	1550	122	69-135	
m&p-Xylene	ug/kg	ND	2560	2880	112	60-133	
Methyl-tert-butyl ether	ug/kg	ND	1280	1280	100	65-130	
Methylene Chloride	ug/kg	ND	1280	1240	97	61-130	
n-Butylbenzene	ug/kg	ND	1280	1460	114	65-140	
n-Propylbenzene	ug/kg	ND	1280	1430	112	67-140	
Naphthalene	ug/kg	ND	1280	943	74	15-145	
o-Xylene	ug/kg	ND	1280	1420	111	66-133	
p-Isopropyltoluene	ug/kg	ND	1280	1490	117	56-147	
sec-Butylbenzene	ug/kg	ND	1280	1510	118	65-139	
Styrene	ug/kg	ND	1280	1440	113	70-132	
tert-Butylbenzene	ug/kg	ND	1280	1430	112	62-135	
Tetrachloroethene	ug/kg	ND	1280	1460	114	70-135	
Toluene	ug/kg	ND	1280	1390	108	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	1280	1470	115	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	1280	1160	91	62-130	
Trichloroethene	ug/kg	ND	1280	1410	111	70-135	
Trichlorofluoromethane	ug/kg	ND	1280	174	14	10-130	
Vinyl acetate	ug/kg	ND	2560	2270	89	53-130	
Vinyl chloride	ug/kg	ND	1280	1460	115	61-148	
Xylene (Total)	ug/kg	ND	3840	4300	112	63-132	
1,2-Dichloroethane-d4 (S)	%				108	70-130	
4-Bromofluorobenzene (S)	%				100	69-134	
Toluene-d8 (S)	%				99	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

SAMPLE DUPLICATE: 3434391

Parameter	Units	92568296001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	IK
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

SAMPLE DUPLICATE: 3434391

Parameter	Units	92568296001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	102	107			
4-Bromofluorobenzene (S)	%	101	99			
Toluene-d8 (S)	%	99	99			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

QC Batch: 654726
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92568326001

SAMPLE DUPLICATE: 3433260

Parameter	Units	92568188015 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.3	22.5	1	25	N2

SAMPLE DUPLICATE: 3433261

Parameter	Units	92568214006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.3	20.1	4	25	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568326

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92568326001	**PRW-A**	MADEP VPH	655377	MADEP VPH	655399
92568326001	**PRW-A**	EPA 5035A/5030B	654797	EPA 8260D	654811
92568326001	**PRW-A**	SW-846	654726		

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Work ... List Pace Workorder Number or

WO# : 92568326

92568326

ALL SHAD

Container Preservative Ty

6 | G

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Company: APEX COMPANIES, LLC	Billing Information:
Address: 5900 NORTHWOODS BUSINESS PKWY	
Report To: ANDREW STREET TOM NAUMANN	Email To:
Copy To: JOHN STRECKER	Site Collection Info/Address:
Customer Project Name/Number: CPC HUNTERSVILLE / CPC 21015	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [X] No
Collected By (print): CHRIS REELES	Purchase Order #: Quote #: 2020-L1-2248 DW PWS ID #: DW Location Code:
Collected By (signature): [signature]	Turnaround Date Required: STANDARD Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	MADEP VPH	VOC BY 8260D	Lab Profile/Line:
PRW-A	SOIL	GRAB	10.21.21	1410	—	—	—	3	H	H	92568326 001

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: none

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546890

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92-T064
Cooler 1 Temp Upon Receipt: 5.4 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 5.4 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] / APEX	10.21.21 / 1735	JB POCCHILL	10/21/21 1735
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: APEX COMPANIES, LLC	Billing Information:
Address: 5900 NORTHWOODS BUSINESS PKWY	
Report To: ANDREW SORFET TOM NAUMANN	Email To:
Copy To: JOHN STOECKER	Site Collection Info/Address:
Customer Project Name/Number: CPC HUNTSVILLE / OPC 21018	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [X] No
Collected By (print): CHRIS KELES	Purchase Order #: Quote #: 2020-LI-22418 DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STANDARD Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type **: 6 G

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: MADEP VPH; VOCs BY 8260D

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns			Lab Sample # / Comments
PRW-A	SOIL	GRAB	10.21.21	1410				3	H	H	92568326 -01

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: none

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546890

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: DT-IR4
Cooler 1 Temp Upon Receipt: 5.4 oC
Cooler 1 Therm Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: 5.4 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
APEX	10.21.21/1735	JB PACE HUL	10/21/21 1735
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 29, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 22, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

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Huntersville, NC 28078
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CERTIFICATIONS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SAMPLE SUMMARY

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92568516001	**RW-91 (18-20)**	Solid	10/22/21 14:10	10/22/21 17:00
92568516002	**RW-98 (42-44)**	Solid	10/22/21 14:15	10/22/21 17:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92568516001	**RW-91 (18-20)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92568516002	**RW-98 (42-44)**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

Sample: RW-91 (18-20) **Lab ID: 92568516001** Collected: 10/22/21 14:10 Received: 10/22/21 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**28.0**	mg/kg	3.6	3.6	1	10/25/21 19:53	10/26/21 05:49		N2
Aliphatic (C05-C08)	**19.3**	mg/kg	3.6	3.6	1	10/25/21 19:53	10/26/21 05:49		N2
Aliphatic(C09-C12) Adjusted	**7.0**	mg/kg	3.6	3.6	1	10/25/21 19:53	10/26/21 05:49		N2
Aromatic (C09-C10)	ND	mg/kg	3.6	3.6	1	10/25/21 19:53	10/26/21 05:49		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1	10/25/21 19:53	10/26/21 05:49	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1	10/25/21 19:53	10/26/21 05:49	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	140	44.9	1	10/25/21 18:01	10/26/21 02:56	67-64-1	
Benzene	**1000**	ug/kg	7.0	2.8	1	10/25/21 18:01	10/26/21 02:56	71-43-2	
Bromobenzene	ND	ug/kg	7.0	2.3	1	10/25/21 18:01	10/26/21 02:56	108-86-1	
Bromochloromethane	ND	ug/kg	7.0	2.1	1	10/25/21 18:01	10/26/21 02:56	74-97-5	
Bromodichloromethane	ND	ug/kg	7.0	2.7	1	10/25/21 18:01	10/26/21 02:56	75-27-4	
Bromoform	ND	ug/kg	7.0	2.5	1	10/25/21 18:01	10/26/21 02:56	75-25-2	
Bromomethane	ND	ug/kg	14.0	11.1	1	10/25/21 18:01	10/26/21 02:56	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	140	33.6	1	10/25/21 18:01	10/26/21 02:56	78-93-3	
n-Butylbenzene	**30.7**	ug/kg	7.0	3.3	1	10/25/21 18:01	10/26/21 02:56	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.0	3.1	1	10/25/21 18:01	10/26/21 02:56	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.0	2.5	1	10/25/21 18:01	10/26/21 02:56	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.0	2.6	1	10/25/21 18:01	10/26/21 02:56	56-23-5	
Chlorobenzene	ND	ug/kg	7.0	1.3	1	10/25/21 18:01	10/26/21 02:56	108-90-7	
Chloroethane	ND	ug/kg	14.0	5.4	1	10/25/21 18:01	10/26/21 02:56	75-00-3	
Chloroform	ND	ug/kg	7.0	4.3	1	10/25/21 18:01	10/26/21 02:56	67-66-3	
Chloromethane	ND	ug/kg	14.0	5.9	1	10/25/21 18:01	10/26/21 02:56	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.0	2.5	1	10/25/21 18:01	10/26/21 02:56	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.0	1.2	1	10/25/21 18:01	10/26/21 02:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	2.7	1	10/25/21 18:01	10/26/21 02:56	96-12-8	
Dibromochloromethane	ND	ug/kg	7.0	3.9	1	10/25/21 18:01	10/26/21 02:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.0	3.1	1	10/25/21 18:01	10/26/21 02:56	106-93-4	
Dibromomethane	ND	ug/kg	7.0	1.5	1	10/25/21 18:01	10/26/21 02:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.0	2.5	1	10/25/21 18:01	10/26/21 02:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.0	2.2	1	10/25/21 18:01	10/26/21 02:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.0	1.8	1	10/25/21 18:01	10/26/21 02:56	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.0	3.0	1	10/25/21 18:01	10/26/21 02:56	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.0	2.9	1	10/25/21 18:01	10/26/21 02:56	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.0	4.6	1	10/25/21 18:01	10/26/21 02:56	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.0	2.9	1	10/25/21 18:01	10/26/21 02:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.0	2.4	1	10/25/21 18:01	10/26/21 02:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.0	2.5	1	10/25/21 18:01	10/26/21 02:56	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.0	2.1	1	10/25/21 18:01	10/26/21 02:56	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.0	2.2	1	10/25/21 18:01	10/26/21 02:56	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.0	2.3	1	10/25/21 18:01	10/26/21 02:56	594-20-7	

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

Sample: RW-91 (18-20) **Lab ID: 92568516001** Collected: 10/22/21 14:10 Received: 10/22/21 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	7.0	3.4	1	10/25/21 18:01	10/26/21 02:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.0	1.9	1	10/25/21 18:01	10/26/21 02:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.0	2.4	1	10/25/21 18:01	10/26/21 02:56	10061-02-6	
Diisopropyl ether	**256**	ug/kg	7.0	1.9	1	10/25/21 18:01	10/26/21 02:56	108-20-3	
Ethylbenzene	**558**	ug/kg	7.0	3.3	1	10/25/21 18:01	10/26/21 02:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.0	11.5	1	10/25/21 18:01	10/26/21 02:56	87-68-3	
2-Hexanone	ND	ug/kg	70.0	6.7	1	10/25/21 18:01	10/26/21 02:56	591-78-6	
Isopropylbenzene (Cumene)	**37.3**	ug/kg	7.0	2.4	1	10/25/21 18:01	10/26/21 02:56	98-82-8	
p-Isopropyltoluene	**27.3**	ug/kg	7.0	3.4	1	10/25/21 18:01	10/26/21 02:56	99-87-6	
Methylene Chloride	ND	ug/kg	28.0	19.2	1	10/25/21 18:01	10/26/21 02:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	70.0	6.7	1	10/25/21 18:01	10/26/21 02:56	108-10-1	
Methyl-tert-butyl ether	**17.7**	ug/kg	7.0	2.6	1	10/25/21 18:01	10/26/21 02:56	1634-04-4	
Naphthalene	**104**	ug/kg	7.0	3.7	1	10/25/21 18:01	10/26/21 02:56	91-20-3	
n-Propylbenzene	**128**	ug/kg	7.0	2.5	1	10/25/21 18:01	10/26/21 02:56	103-65-1	
Styrene	ND	ug/kg	7.0	1.8	1	10/25/21 18:01	10/26/21 02:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.0	2.7	1	10/25/21 18:01	10/26/21 02:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.0	1.8	1	10/25/21 18:01	10/26/21 02:56	79-34-5	
Tetrachloroethene	ND	ug/kg	7.0	2.2	1	10/25/21 18:01	10/26/21 02:56	127-18-4	
Toluene	**4090**	ug/kg	7.0	2.0	1	10/25/21 18:01	10/26/21 02:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.0	5.7	1	10/25/21 18:01	10/26/21 02:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.0	5.9	1	10/25/21 18:01	10/26/21 02:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.0	3.6	1	10/25/21 18:01	10/26/21 02:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.0	2.3	1	10/25/21 18:01	10/26/21 02:56	79-00-5	
Trichloroethene	ND	ug/kg	7.0	1.8	1	10/25/21 18:01	10/26/21 02:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.0	3.9	1	10/25/21 18:01	10/26/21 02:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.0	3.5	1	10/25/21 18:01	10/26/21 02:56	96-18-4	
1,2,4-Trimethylbenzene	**801**	ug/kg	7.0	1.9	1	10/25/21 18:01	10/26/21 02:56	95-63-6	
1,3,5-Trimethylbenzene	**232**	ug/kg	7.0	2.4	1	10/25/21 18:01	10/26/21 02:56	108-67-8	
Vinyl acetate	ND	ug/kg	70.0	5.1	1	10/25/21 18:01	10/26/21 02:56	108-05-4	
Vinyl chloride	ND	ug/kg	14.0	3.6	1	10/25/21 18:01	10/26/21 02:56	75-01-4	
Xylene (Total)	**3210**	ug/kg	14.0	4.0	1	10/25/21 18:01	10/26/21 02:56	1330-20-7	
m&p-Xylene	**2160**	ug/kg	14.0	4.8	1	10/25/21 18:01	10/26/21 02:56	179601-23-1	
o-Xylene	**1050**	ug/kg	7.0	3.1	1	10/25/21 18:01	10/26/21 02:56	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	10/25/21 18:01	10/26/21 02:56	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	10/25/21 18:01	10/26/21 02:56	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	10/25/21 18:01	10/26/21 02:56	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**16.4**	%	0.10	0.10	1		10/26/21 17:16		N2

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

Sample: RW-98 (42-44) **Lab ID: 92568516002** Collected: 10/22/21 14:15 Received: 10/22/21 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**1490**	mg/kg	9.3	9.3	2	10/26/21 16:36	10/27/21 04:50		N2
Aliphatic (C05-C08)	**624**	mg/kg	9.3	9.3	2	10/26/21 16:36	10/27/21 04:50		N2
Aliphatic(C09-C12) Adjusted	**514**	mg/kg	9.3	9.3	2	10/26/21 16:36	10/27/21 04:50		N2
Aromatic (C09-C10)	**354**	mg/kg	9.3	9.3	2	10/26/21 16:36	10/27/21 04:50		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	174	%	70-130		2	10/26/21 16:36	10/27/21 04:50	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	111	%	70-130		2	10/26/21 16:36	10/27/21 04:50	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	1480	474	12.5	10/26/21 15:41	10/26/21 21:13	67-64-1	
Benzene	**826**	ug/kg	73.9	29.4	12.5	10/26/21 15:41	10/26/21 21:13	71-43-2	
Bromobenzene	ND	ug/kg	73.9	24.1	12.5	10/26/21 15:41	10/26/21 21:13	108-86-1	
Bromochloromethane	ND	ug/kg	73.9	21.9	12.5	10/26/21 15:41	10/26/21 21:13	74-97-5	
Bromodichloromethane	ND	ug/kg	73.9	28.5	12.5	10/26/21 15:41	10/26/21 21:13	75-27-4	
Bromoform	ND	ug/kg	73.9	26.0	12.5	10/26/21 15:41	10/26/21 21:13	75-25-2	
Bromomethane	ND	ug/kg	148	117	12.5	10/26/21 15:41	10/26/21 21:13	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	1480	355	12.5	10/26/21 15:41	10/26/21 21:13	78-93-3	
n-Butylbenzene	ND	ug/kg	73.9	34.9	12.5	10/26/21 15:41	10/26/21 21:13	104-51-8	M1
sec-Butylbenzene	ND	ug/kg	73.9	32.5	12.5	10/26/21 15:41	10/26/21 21:13	135-98-8	
tert-Butylbenzene	ND	ug/kg	73.9	26.3	12.5	10/26/21 15:41	10/26/21 21:13	98-06-6	
Carbon tetrachloride	ND	ug/kg	73.9	27.6	12.5	10/26/21 15:41	10/26/21 21:13	56-23-5	
Chlorobenzene	ND	ug/kg	73.9	14.2	12.5	10/26/21 15:41	10/26/21 21:13	108-90-7	
Chloroethane	ND	ug/kg	148	57.0	12.5	10/26/21 15:41	10/26/21 21:13	75-00-3	
Chloroform	ND	ug/kg	73.9	44.9	12.5	10/26/21 15:41	10/26/21 21:13	67-66-3	
Chloromethane	ND	ug/kg	148	62.0	12.5	10/26/21 15:41	10/26/21 21:13	74-87-3	
2-Chlorotoluene	ND	ug/kg	73.9	26.1	12.5	10/26/21 15:41	10/26/21 21:13	95-49-8	
4-Chlorotoluene	ND	ug/kg	73.9	13.1	12.5	10/26/21 15:41	10/26/21 21:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	73.9	28.7	12.5	10/26/21 15:41	10/26/21 21:13	96-12-8	
Dibromochloromethane	ND	ug/kg	73.9	41.5	12.5	10/26/21 15:41	10/26/21 21:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	73.9	32.5	12.5	10/26/21 15:41	10/26/21 21:13	106-93-4	
Dibromomethane	ND	ug/kg	73.9	15.8	12.5	10/26/21 15:41	10/26/21 21:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	73.9	26.6	12.5	10/26/21 15:41	10/26/21 21:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	73.9	22.9	12.5	10/26/21 15:41	10/26/21 21:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	73.9	19.2	12.5	10/26/21 15:41	10/26/21 21:13	106-46-7	L2
Dichlorodifluoromethane	ND	ug/kg	148	32.1	12.5	10/26/21 15:41	10/26/21 21:13	75-71-8	
1,1-Dichloroethane	ND	ug/kg	73.9	30.4	12.5	10/26/21 15:41	10/26/21 21:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	73.9	48.9	12.5	10/26/21 15:41	10/26/21 21:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	73.9	30.4	12.5	10/26/21 15:41	10/26/21 21:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	73.9	25.3	12.5	10/26/21 15:41	10/26/21 21:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	73.9	25.9	12.5	10/26/21 15:41	10/26/21 21:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	73.9	22.2	12.5	10/26/21 15:41	10/26/21 21:13	78-87-5	
1,3-Dichloropropane	ND	ug/kg	73.9	23.0	12.5	10/26/21 15:41	10/26/21 21:13	142-28-9	
2,2-Dichloropropane	ND	ug/kg	73.9	24.1	12.5	10/26/21 15:41	10/26/21 21:13	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

Sample: RW-98 (42-44) **Lab ID: 92568516002** Collected: 10/22/21 14:15 Received: 10/22/21 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	73.9	35.5	12.5	10/26/21 15:41	10/26/21 21:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	73.9	20.1	12.5	10/26/21 15:41	10/26/21 21:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	73.9	25.4	12.5	10/26/21 15:41	10/26/21 21:13	10061-02-6	
Diisopropyl ether	**186**	ug/kg	73.9	19.9	12.5	10/26/21 15:41	10/26/21 21:13	108-20-3	
Ethylbenzene	**12100**	ug/kg	73.9	34.4	12.5	10/26/21 15:41	10/26/21 21:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	148	121	12.5	10/26/21 15:41	10/26/21 21:13	87-68-3	
2-Hexanone	ND	ug/kg	739	71.2	12.5	10/26/21 15:41	10/26/21 21:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	73.9	25.1	12.5	10/26/21 15:41	10/26/21 21:13	98-82-8	
p-Isopropyltoluene	ND	ug/kg	73.9	36.3	12.5	10/26/21 15:41	10/26/21 21:13	99-87-6	
Methylene Chloride	ND	ug/kg	295	202	12.5	10/26/21 15:41	10/26/21 21:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	739	71.2	12.5	10/26/21 15:41	10/26/21 21:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	73.9	27.6	12.5	10/26/21 15:41	10/26/21 21:13	1634-04-4	
Naphthalene	**7640**	ug/kg	73.9	38.8	12.5	10/26/21 15:41	10/26/21 21:13	91-20-3	
n-Propylbenzene	**7760**	ug/kg	73.9	26.3	12.5	10/26/21 15:41	10/26/21 21:13	103-65-1	
Styrene	ND	ug/kg	73.9	19.5	12.5	10/26/21 15:41	10/26/21 21:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	73.9	28.4	12.5	10/26/21 15:41	10/26/21 21:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	73.9	19.5	12.5	10/26/21 15:41	10/26/21 21:13	79-34-5	
Tetrachloroethene	ND	ug/kg	73.9	23.3	12.5	10/26/21 15:41	10/26/21 21:13	127-18-4	
Toluene	**20400**	ug/kg	73.9	21.0	12.5	10/26/21 15:41	10/26/21 21:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	73.9	59.7	12.5	10/26/21 15:41	10/26/21 21:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	73.9	62.0	12.5	10/26/21 15:41	10/26/21 21:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	73.9	38.4	12.5	10/26/21 15:41	10/26/21 21:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	73.9	24.5	12.5	10/26/21 15:41	10/26/21 21:13	79-00-5	
Trichloroethene	ND	ug/kg	73.9	19.1	12.5	10/26/21 15:41	10/26/21 21:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	73.9	40.6	12.5	10/26/21 15:41	10/26/21 21:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	73.9	37.4	12.5	10/26/21 15:41	10/26/21 21:13	96-18-4	
1,2,4-Trimethylbenzene	**50000**	ug/kg	73.9	20.2	12.5	10/26/21 15:41	10/26/21 21:13	95-63-6	L2
1,3,5-Trimethylbenzene	**15100**	ug/kg	73.9	24.8	12.5	10/26/21 15:41	10/26/21 21:13	108-67-8	
Vinyl acetate	ND	ug/kg	739	53.8	12.5	10/26/21 15:41	10/26/21 21:13	108-05-4	
Vinyl chloride	ND	ug/kg	148	37.5	12.5	10/26/21 15:41	10/26/21 21:13	75-01-4	
Xylene (Total)	**72500**	ug/kg	148	42.1	12.5	10/26/21 15:41	10/26/21 21:13	1330-20-7	
m&p-Xylene	**50000**	ug/kg	148	50.5	12.5	10/26/21 15:41	10/26/21 21:13	179601-23-1	
o-Xylene	**22500**	ug/kg	73.9	32.6	12.5	10/26/21 15:41	10/26/21 21:13	95-47-6	
Surrogates									
Toluene-d8 (S)	97	%	70-130		12.5	10/26/21 15:41	10/26/21 21:13	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		12.5	10/26/21 15:41	10/26/21 21:13	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		12.5	10/26/21 15:41	10/26/21 21:13	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**12.2**	%	0.10	0.10	1		10/26/21 17:16		N2

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

QC Batch: 655113
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92568516001

METHOD BLANK: 3435128 Matrix: Solid
Associated Lab Samples: 92568516001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/25/21 21:17	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/25/21 21:17	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		10/25/21 21:17	
4-Bromofluorobenzene (PID) (S)	%	101	70-130		10/25/21 21:17	

LABORATORY CONTROL SAMPLE & LCSD: 3435129 3435130

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	14.7	12.4	99	83	70-130	17	25	N2
Aromatic (C09-C10)	mg/kg	5	6.0	5.0	120	101	70-130	17	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

QC Batch: 655377
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92568516002

METHOD BLANK: 3436290 Matrix: Solid
Associated Lab Samples: 92568516002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/26/21 16:31	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/26/21 16:31	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		10/26/21 16:31	
4-Bromofluorobenzene (PID) (S)	%	101	70-130		10/26/21 16:31	

LABORATORY CONTROL SAMPLE & LCSD: 3436291 3436292

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	14.0	13.7	94	92	70-130	2	25	N2
Aromatic (C09-C10)	mg/kg	5	5.4	5.3	109	107	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	98	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

QC Batch: 655099
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92568516001

METHOD BLANK: 3435109 Matrix: Solid
Associated Lab Samples: 92568516001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/25/21 19:15	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/25/21 19:15	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/25/21 19:15	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/25/21 19:15	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/25/21 19:15	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/25/21 19:15	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/25/21 19:15	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/25/21 19:15	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/25/21 19:15	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/25/21 19:15	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/25/21 19:15	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/25/21 19:15	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/25/21 19:15	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/25/21 19:15	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/25/21 19:15	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/25/21 19:15	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/25/21 19:15	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/25/21 19:15	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/25/21 19:15	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/25/21 19:15	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/25/21 19:15	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/25/21 19:15	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/25/21 19:15	
2-Hexanone	ug/kg	ND	50.0	4.8	10/25/21 19:15	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/25/21 19:15	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/25/21 19:15	
Acetone	ug/kg	ND	100	32.1	10/25/21 19:15	
Benzene	ug/kg	ND	5.0	2.0	10/25/21 19:15	
Bromobenzene	ug/kg	ND	5.0	1.6	10/25/21 19:15	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/25/21 19:15	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/25/21 19:15	
Bromoform	ug/kg	ND	5.0	1.8	10/25/21 19:15	
Bromomethane	ug/kg	ND	10.0	7.9	10/25/21 19:15	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/25/21 19:15	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/25/21 19:15	
Chloroethane	ug/kg	ND	10.0	3.9	10/25/21 19:15	
Chloroform	ug/kg	ND	5.0	3.0	10/25/21 19:15	
Chloromethane	ug/kg	ND	10.0	4.2	10/25/21 19:15	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/25/21 19:15	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/25/21 19:15	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

METHOD BLANK: 3435109 Matrix: Solid
Associated Lab Samples: 92568516001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/25/21 19:15	
Dibromomethane	ug/kg	ND	5.0	1.1	10/25/21 19:15	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/25/21 19:15	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/25/21 19:15	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/25/21 19:15	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/25/21 19:15	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/25/21 19:15	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/25/21 19:15	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/25/21 19:15	
Methylene Chloride	ug/kg	14.6J	20.0	13.7	10/25/21 19:15	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/25/21 19:15	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/25/21 19:15	
Naphthalene	ug/kg	ND	5.0	2.6	10/25/21 19:15	
o-Xylene	ug/kg	ND	5.0	2.2	10/25/21 19:15	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/25/21 19:15	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/25/21 19:15	
Styrene	ug/kg	ND	5.0	1.3	10/25/21 19:15	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/25/21 19:15	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/25/21 19:15	
Toluene	ug/kg	ND	5.0	1.4	10/25/21 19:15	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/25/21 19:15	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/25/21 19:15	
Trichloroethene	ug/kg	ND	5.0	1.3	10/25/21 19:15	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/25/21 19:15	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/25/21 19:15	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/25/21 19:15	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/25/21 19:15	
1,2-Dichloroethane-d4 (S)	%	110	70-130		10/25/21 19:15	
4-Bromofluorobenzene (S)	%	101	69-134		10/25/21 19:15	
Toluene-d8 (S)	%	98	70-130		10/25/21 19:15	

LABORATORY CONTROL SAMPLE: 3435110

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1260	101	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1240	99	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1290	103	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1230	99	70-130	
1,1-Dichloroethane	ug/kg	1250	1310	105	70-130	
1,1-Dichloroethene	ug/kg	1250	1340	107	70-130	
1,1-Dichloropropene	ug/kg	1250	1250	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1300	104	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1300	104	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1280	103	68-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

LABORATORY CONTROL SAMPLE: 3435110

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1270	101	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1460	117	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1290	103	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1250	100	70-130	
1,2-Dichloroethane	ug/kg	1250	1180	94	63-130	
1,2-Dichloropropane	ug/kg	1250	1270	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1290	103	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1230	99	70-130	
1,3-Dichloropropane	ug/kg	1250	1260	100	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1250	100	70-130	
2,2-Dichloropropane	ug/kg	1250	1250	100	66-130	
2-Butanone (MEK)	ug/kg	2500	2590	104	70-130	
2-Chlorotoluene	ug/kg	1250	1290	103	70-130	
2-Hexanone	ug/kg	2500	2690	108	70-130	
4-Chlorotoluene	ug/kg	1250	1240	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2550	102	70-130	
Acetone	ug/kg	2500	2320	93	69-130	
Benzene	ug/kg	1250	1230	98	70-130	
Bromobenzene	ug/kg	1250	1310	105	70-130	
Bromochloromethane	ug/kg	1250	1300	104	70-130	
Bromodichloromethane	ug/kg	1250	1230	99	69-130	
Bromoform	ug/kg	1250	1380	110	70-130	
Bromomethane	ug/kg	1250	1430	115	52-130	IK
Carbon tetrachloride	ug/kg	1250	1270	102	70-130	
Chlorobenzene	ug/kg	1250	1220	97	70-130	
Chloroethane	ug/kg	1250	1400	112	65-130	
Chloroform	ug/kg	1250	1250	100	70-130	
Chloromethane	ug/kg	1250	1240	99	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1280	102	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1260	101	70-130	
Dibromochloromethane	ug/kg	1250	1350	108	70-130	
Dibromomethane	ug/kg	1250	1270	102	70-130	
Dichlorodifluoromethane	ug/kg	1250	1300	104	45-156	
Diisopropyl ether	ug/kg	1250	1230	98	70-130	
Ethylbenzene	ug/kg	1250	1160	93	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1280	103	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1320	106	70-130	
m&p-Xylene	ug/kg	2500	2460	98	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1220	97	70-130	
Methylene Chloride	ug/kg	1250	1180	94	65-130	
n-Butylbenzene	ug/kg	1250	1290	103	67-130	
n-Propylbenzene	ug/kg	1250	1260	101	70-130	
Naphthalene	ug/kg	1250	1280	103	70-130	
o-Xylene	ug/kg	1250	1220	98	70-130	
p-Isopropyltoluene	ug/kg	1250	1270	101	67-130	
sec-Butylbenzene	ug/kg	1250	1250	100	69-130	
Styrene	ug/kg	1250	1300	104	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

LABORATORY CONTROL SAMPLE: 3435110

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1200	96	67-130	
Tetrachloroethene	ug/kg	1250	1260	101	70-130	
Toluene	ug/kg	1250	1180	94	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1330	106	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1230	98	68-130	
Trichloroethene	ug/kg	1250	1230	98	70-130	
Trichlorofluoromethane	ug/kg	1250	1240	99	70-130	
Vinyl acetate	ug/kg	2500	2600	104	70-130	
Vinyl chloride	ug/kg	1250	1320	106	61-130	
Xylene (Total)	ug/kg	3750	3680	98	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3435112

Parameter	Units	92568396002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	554	554	100	70-131	
1,1,1-Trichloroethane	ug/kg	ND	554	569	103	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	554	553	100	66-130	
1,1,2-Trichloroethane	ug/kg	ND	554	525	95	66-133	
1,1-Dichloroethane	ug/kg	ND	554	583	105	65-130	
1,1-Dichloroethene	ug/kg	ND	554	593	107	10-158	
1,1-Dichloropropene	ug/kg	ND	554	591	107	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	554	556	100	27-138	
1,2,3-Trichloropropane	ug/kg	ND	554	539	97	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	554	632	114	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	554	618	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	554	525	95	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	554	555	100	70-130	
1,2-Dichlorobenzene	ug/kg	ND	554	585	105	69-130	
1,2-Dichloroethane	ug/kg	ND	554	520	94	59-130	
1,2-Dichloropropane	ug/kg	ND	554	578	104	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	554	618	112	65-137	
1,3-Dichlorobenzene	ug/kg	ND	554	574	103	70-130	
1,3-Dichloropropane	ug/kg	ND	554	549	99	70-130	
1,4-Dichlorobenzene	ug/kg	ND	554	588	106	68-130	
2,2-Dichloropropane	ug/kg	ND	554	492	89	32-130	
2-Butanone (MEK)	ug/kg	ND	1110	871	79	10-136	
2-Chlorotoluene	ug/kg	ND	554	600	108	69-141	
2-Hexanone	ug/kg	ND	1110	1040	94	10-144	
4-Chlorotoluene	ug/kg	ND	554	581	105	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1110	992	89	25-143	
Acetone	ug/kg	ND	1110	611	55	10-130	
Benzene	ug/kg	ND	554	578	104	67-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

MATRIX SPIKE SAMPLE: 3435112

Parameter	Units	92568396002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	554	575	104	70-130	
Bromochloromethane	ug/kg	ND	554	524	95	69-134	
Bromodichloromethane	ug/kg	ND	554	520	94	64-130	
Bromoform	ug/kg	ND	554	520	94	62-130	
Bromomethane	ug/kg	ND	554	296	53	20-176	IK
Carbon tetrachloride	ug/kg	ND	554	582	105	65-140	
Chlorobenzene	ug/kg	ND	554	572	103	70-130	
Chloroethane	ug/kg	ND	554	95.8	17	10-130	
Chloroform	ug/kg	ND	554	558	101	63-130	
Chloromethane	ug/kg	ND	554	596	107	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	554	575	104	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	554	525	95	67-130	
Dibromochloromethane	ug/kg	ND	554	536	97	67-130	
Dibromomethane	ug/kg	ND	554	537	97	63-131	
Dichlorodifluoromethane	ug/kg	ND	554	588	106	44-180	
Diisopropyl ether	ug/kg	ND	554	546	98	63-130	
Ethylbenzene	ug/kg	ND	554	561	101	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	554	842	152	64-150	M1
Isopropylbenzene (Cumene)	ug/kg	ND	554	630	114	69-135	
m&p-Xylene	ug/kg	ND	1110	1190	107	60-133	
Methyl-tert-butyl ether	ug/kg	ND	554	511	92	65-130	
Methylene Chloride	ug/kg	ND	554	535	96	61-130	
n-Butylbenzene	ug/kg	ND	554	678	122	65-140	
n-Propylbenzene	ug/kg	ND	554	619	112	67-140	
Naphthalene	ug/kg	ND	554	487	88	15-145	
o-Xylene	ug/kg	ND	554	591	107	66-133	
p-Isopropyltoluene	ug/kg	ND	554	655	118	56-147	
sec-Butylbenzene	ug/kg	ND	554	656	118	65-139	
Styrene	ug/kg	ND	554	589	106	70-132	
tert-Butylbenzene	ug/kg	ND	554	593	107	62-135	
Tetrachloroethene	ug/kg	ND	554	624	112	70-135	
Toluene	ug/kg	ND	554	560	101	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	554	601	108	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	554	504	91	62-130	
Trichloroethene	ug/kg	ND	554	573	103	70-135	
Trichlorofluoromethane	ug/kg	ND	554	72.5	13	10-130	
Vinyl acetate	ug/kg	ND	1110	1050	94	53-130	
Vinyl chloride	ug/kg	ND	554	600	108	61-148	
Xylene (Total)	ug/kg	ND	1670	1780	107	63-132	
1,2-Dichloroethane-d4 (S)	%				107	70-130	
4-Bromofluorobenzene (S)	%				100	69-134	
Toluene-d8 (S)	%				100	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

SAMPLE DUPLICATE: 3435111

Parameter	Units	92568396001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	116	116	0	30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	108		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	IK
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

SAMPLE DUPLICATE: 3435111

Parameter	Units	92568396001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	107	107			
4-Bromofluorobenzene (S)	%	102	100			
Toluene-d8 (S)	%	100	101			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

QC Batch: 655371
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92568516002

METHOD BLANK: 3436239 Matrix: Solid
Associated Lab Samples: 92568516002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/26/21 14:08	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/26/21 14:08	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/26/21 14:08	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/26/21 14:08	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/26/21 14:08	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/26/21 14:08	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/26/21 14:08	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/26/21 14:08	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/26/21 14:08	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/26/21 14:08	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/26/21 14:08	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/26/21 14:08	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/26/21 14:08	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/26/21 14:08	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/26/21 14:08	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/26/21 14:08	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/26/21 14:08	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/26/21 14:08	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/26/21 14:08	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/26/21 14:08	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/26/21 14:08	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/26/21 14:08	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/26/21 14:08	
2-Hexanone	ug/kg	ND	50.0	4.8	10/26/21 14:08	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/26/21 14:08	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/26/21 14:08	
Acetone	ug/kg	ND	100	32.1	10/26/21 14:08	
Benzene	ug/kg	ND	5.0	2.0	10/26/21 14:08	
Bromobenzene	ug/kg	ND	5.0	1.6	10/26/21 14:08	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/26/21 14:08	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/26/21 14:08	
Bromoform	ug/kg	ND	5.0	1.8	10/26/21 14:08	
Bromomethane	ug/kg	ND	10.0	7.9	10/26/21 14:08	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/26/21 14:08	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/26/21 14:08	
Chloroethane	ug/kg	ND	10.0	3.9	10/26/21 14:08	
Chloroform	ug/kg	ND	5.0	3.0	10/26/21 14:08	
Chloromethane	ug/kg	ND	10.0	4.2	10/26/21 14:08	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/26/21 14:08	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/26/21 14:08	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

METHOD BLANK: 3436239 Matrix: Solid
Associated Lab Samples: 92568516002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/26/21 14:08	
Dibromomethane	ug/kg	ND	5.0	1.1	10/26/21 14:08	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/26/21 14:08	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/26/21 14:08	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/26/21 14:08	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/26/21 14:08	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/26/21 14:08	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/26/21 14:08	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/26/21 14:08	
Methylene Chloride	ug/kg	15.0J	20.0	13.7	10/26/21 14:08	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/26/21 14:08	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/26/21 14:08	
Naphthalene	ug/kg	ND	5.0	2.6	10/26/21 14:08	
o-Xylene	ug/kg	ND	5.0	2.2	10/26/21 14:08	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/26/21 14:08	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/26/21 14:08	
Styrene	ug/kg	ND	5.0	1.3	10/26/21 14:08	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/26/21 14:08	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/26/21 14:08	
Toluene	ug/kg	ND	5.0	1.4	10/26/21 14:08	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/26/21 14:08	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/26/21 14:08	
Trichloroethene	ug/kg	ND	5.0	1.3	10/26/21 14:08	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/26/21 14:08	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/26/21 14:08	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/26/21 14:08	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/26/21 14:08	
1,2-Dichloroethane-d4 (S)	%	109	70-130		10/26/21 14:08	
4-Bromofluorobenzene (S)	%	99	69-134		10/26/21 14:08	
Toluene-d8 (S)	%	97	70-130		10/26/21 14:08	

LABORATORY CONTROL SAMPLE: 3436240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1230	98	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1220	98	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1290	104	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1240	99	70-130	
1,1-Dichloroethane	ug/kg	1250	1310	105	70-130	
1,1-Dichloroethene	ug/kg	1250	1340	107	70-130	
1,1-Dichloropropene	ug/kg	1250	1240	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1300	104	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1310	105	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1270	101	68-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

LABORATORY CONTROL SAMPLE: 3436240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1230	98	70-130	L2
1,2-Dibromo-3-chloropropane	ug/kg	1250	1460	117	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1280	103	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1230	98	70-130	
1,2-Dichloroethane	ug/kg	1250	1190	95	63-130	
1,2-Dichloropropane	ug/kg	1250	1270	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1270	102	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1210	97	70-130	
1,3-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1210	97	70-130	L2
2,2-Dichloropropane	ug/kg	1250	1250	100	66-130	
2-Butanone (MEK)	ug/kg	2500	2700	108	70-130	
2-Chlorotoluene	ug/kg	1250	1270	102	70-130	
2-Hexanone	ug/kg	2500	2780	111	70-130	
4-Chlorotoluene	ug/kg	1250	1230	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2620	105	70-130	
Acetone	ug/kg	2500	2440	97	69-130	
Benzene	ug/kg	1250	1220	98	70-130	
Bromobenzene	ug/kg	1250	1280	102	70-130	
Bromochloromethane	ug/kg	1250	1320	105	70-130	
Bromodichloromethane	ug/kg	1250	1230	98	69-130	
Bromoform	ug/kg	1250	1350	108	70-130	
Bromomethane	ug/kg	1250	1450	116	52-130	IK
Carbon tetrachloride	ug/kg	1250	1250	100	70-130	
Chlorobenzene	ug/kg	1250	1200	96	70-130	
Chloroethane	ug/kg	1250	1410	113	65-130	
Chloroform	ug/kg	1250	1250	100	70-130	
Chloromethane	ug/kg	1250	1250	100	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1280	102	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1250	100	70-130	
Dibromochloromethane	ug/kg	1250	1320	106	70-130	
Dibromomethane	ug/kg	1250	1270	101	70-130	
Dichlorodifluoromethane	ug/kg	1250	1290	103	45-156	
Diisopropyl ether	ug/kg	1250	1240	99	70-130	
Ethylbenzene	ug/kg	1250	1150	92	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1260	101	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1240	99	70-130	
m&p-Xylene	ug/kg	2500	2410	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1230	98	70-130	
Methylene Chloride	ug/kg	1250	1140	91	65-130	
n-Butylbenzene	ug/kg	1250	1270	102	67-130	
n-Propylbenzene	ug/kg	1250	1240	99	70-130	
Naphthalene	ug/kg	1250	1280	102	70-130	
o-Xylene	ug/kg	1250	1190	96	70-130	
p-Isopropyltoluene	ug/kg	1250	1260	101	67-130	
sec-Butylbenzene	ug/kg	1250	1240	99	69-130	
Styrene	ug/kg	1250	1290	103	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

LABORATORY CONTROL SAMPLE: 3436240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1180	94	67-130	
Tetrachloroethene	ug/kg	1250	1250	100	70-130	
Toluene	ug/kg	1250	1180	94	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1330	107	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1240	99	68-130	
Trichloroethene	ug/kg	1250	1210	97	70-130	
Trichlorofluoromethane	ug/kg	1250	1230	99	70-130	
Vinyl acetate	ug/kg	2500	2650	106	70-130	
Vinyl chloride	ug/kg	1250	1330	106	61-130	
Xylene (Total)	ug/kg	3750	3610	96	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			100	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436241 3436242

Parameter	Units	92568516002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	7380	7380	7220	7830	98	106	70-131	8	30	
1,1,1-Trichloroethane	ug/kg	ND	7380	7380	7340	7940	99	108	65-133	8	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	7380	7380	7450	8010	101	108	66-130	7	30	
1,1,2-Trichloroethane	ug/kg	ND	7380	7380	7320	8080	99	109	66-133	10	30	
1,1-Dichloroethane	ug/kg	ND	7380	7380	7670	8350	104	113	65-130	9	30	
1,1-Dichloroethene	ug/kg	ND	7380	7380	7890	8620	107	117	10-158	9	30	
1,1-Dichloropropene	ug/kg	ND	7380	7380	7490	8230	101	111	68-133	9	30	
1,2,3-Trichlorobenzene	ug/kg	ND	7380	7380	7440	8140	101	110	27-138	9	30	
1,2,3-Trichloropropane	ug/kg	ND	7380	7380	7220	7790	98	106	67-130	8	30	
1,2,4-Trichlorobenzene	ug/kg	ND	7380	7380	7450	8200	101	111	51-134	10	30	
1,2,4-Trimethylbenzene	ug/kg	50000	7380	7380	54700	55200	64	70	63-136	1	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	7380	7380	7490	8400	101	114	32-130	11	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	7380	7380	7400	7970	100	108	70-130	7	30	
1,2-Dichlorobenzene	ug/kg	ND	7380	7380	7270	7820	98	106	69-130	7	30	
1,2-Dichloroethane	ug/kg	ND	7380	7380	6890	7520	93	102	59-130	9	30	
1,2-Dichloropropane	ug/kg	ND	7380	7380	7370	8030	100	109	70-130	9	30	
1,3,5-Trimethylbenzene	ug/kg	15100	7380	7380	22000	22700	94	103	65-137	3	30	
1,3-Dichlorobenzene	ug/kg	ND	7380	7380	7360	7900	100	107	70-130	7	30	
1,3-Dichloropropane	ug/kg	ND	7380	7380	7300	7860	99	106	70-130	7	30	
1,4-Dichlorobenzene	ug/kg	ND	7380	7380	7300	7850	99	106	68-130	7	30	
2,2-Dichloropropane	ug/kg	ND	7380	7380	7090	7470	96	101	32-130	5	30	
2-Butanone (MEK)	ug/kg	ND	14800	14800	14600	16200	99	109	10-136	10	30	
2-Chlorotoluene	ug/kg	ND	7380	7380	8820	9430	119	128	69-141	7	30	
2-Hexanone	ug/kg	ND	14800	14800	15200	16700	103	113	10-144	10	30	
4-Chlorotoluene	ug/kg	ND	7380	7380	7340	7820	99	106	70-132	6	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	14800	14800	15000	16600	102	112	25-143	10	30	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436241 3436242

Parameter	Units	92568516002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/kg	ND	14800	14800	11900	13100	80	89	10-130	10	30	
Benzene	ug/kg	826	7380	7380	8010	8600	97	105	67-130	7	30	
Bromobenzene	ug/kg	ND	7380	7380	7540	8100	102	110	70-130	7	30	
Bromochloromethane	ug/kg	ND	7380	7380	7410	7980	100	108	69-134	7	30	
Bromodichloromethane	ug/kg	ND	7380	7380	7150	7480	97	101	64-130	5	30	
Bromoform	ug/kg	ND	7380	7380	7030	7820	95	106	62-130	11	30	
Bromomethane	ug/kg	ND	7380	7380	6050	6390	82	87	20-176	5	30	IK
Carbon tetrachloride	ug/kg	ND	7380	7380	7400	8130	100	110	65-140	9	30	
Chlorobenzene	ug/kg	ND	7380	7380	7390	7930	100	107	70-130	7	30	
Chloroethane	ug/kg	ND	7380	7380	6420	6860	87	93	10-130	7	30	
Chloroform	ug/kg	ND	7380	7380	7360	7950	100	108	63-130	8	30	
Chloromethane	ug/kg	ND	7380	7380	7480	8080	101	109	58-130	8	30	
cis-1,2-Dichloroethene	ug/kg	ND	7380	7380	7420	8080	100	109	66-130	9	30	
cis-1,3-Dichloropropene	ug/kg	ND	7380	7380	7010	7680	95	104	67-130	9	30	
Dibromochloromethane	ug/kg	ND	7380	7380	7250	7840	98	106	67-130	8	30	
Dibromomethane	ug/kg	ND	7380	7380	7110	7700	96	104	63-131	8	30	
Dichlorodifluoromethane	ug/kg	ND	7380	7380	7890	8450	107	114	44-180	7	30	
Diisopropyl ether	ug/kg	186	7380	7380	7150	7800	94	103	63-130	9	30	
Ethylbenzene	ug/kg	12100	7380	7380	18400	18900	85	92	66-130	3	30	
Hexachloro-1,3-butadiene	ug/kg	ND	7380	7380	8180	8820	111	119	64-150	8	30	
Isopropylbenzene (Cumene)	ug/kg	ND	7380	7380	9460	9900	128	134	69-135	5	30	
m&p-Xylene	ug/kg	50000	14800	14800	61400	62200	77	83	60-133	1	30	
Methyl-tert-butyl ether	ug/kg	ND	7380	7380	6710	7300	91	99	65-130	8	30	
Methylene Chloride	ug/kg	ND	7380	7380	6860	7220	93	98	61-130	5	30	
n-Butylbenzene	ug/kg	ND	7380	7380	11000	11800	149	159	65-140	7	30	M1
n-Propylbenzene	ug/kg	7760	7380	7380	14700	15100	94	100	67-140	3	30	
Naphthalene	ug/kg	7640	7380	7380	14600	15700	94	109	15-145	7	30	
o-Xylene	ug/kg	22500	7380	7380	28200	28700	77	83	66-133	2	30	
p-Isopropyltoluene	ug/kg	ND	7380	7380	10100	10700	137	145	56-147	6	30	
sec-Butylbenzene	ug/kg	ND	7380	7380	8400	8990	114	122	65-139	7	30	
Styrene	ug/kg	ND	7380	7380	7900	8360	107	113	70-132	6	30	
tert-Butylbenzene	ug/kg	ND	7380	7380	7460	8010	101	109	62-135	7	30	
Tetrachloroethene	ug/kg	ND	7380	7380	7450	7760	101	105	70-135	4	30	
Toluene	ug/kg	20400	7380	7380	26400	27200	82	92	67-130	3	30	
trans-1,2-Dichloroethene	ug/kg	ND	7380	7380	7770	8540	105	116	69-130	9	30	
trans-1,3-Dichloropropene	ug/kg	ND	7380	7380	6730	7340	91	99	62-130	9	30	
Trichloroethene	ug/kg	ND	7380	7380	7270	7970	98	108	70-135	9	30	
Trichlorofluoromethane	ug/kg	ND	7380	7380	7350	7940	100	107	10-130	8	30	
Vinyl acetate	ug/kg	ND	14800	14800	14000	15500	95	105	53-130	10	30	
Vinyl chloride	ug/kg	ND	7380	7380	7980	8720	108	118	61-148	9	30	
Xylene (Total)	ug/kg	72500	22200	22200	89600	90900	77	83	63-132	1	30	
1,2-Dichloroethane-d4 (S)	%						103	102	70-130			
4-Bromofluorobenzene (S)	%						100	100	69-134			
Toluene-d8 (S)	%						97	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

QC Batch: 655417
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92568516001, 92568516002

SAMPLE DUPLICATE: 3436514

Parameter	Units	92567968001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	80.5	80.6	0	25	N2

SAMPLE DUPLICATE: 3436515

Parameter	Units	92568869004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.0	21.3	1	25	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92568516

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92568516001	**RW-91 (18-20)**	MADEP VPH	655113	MADEP VPH	655118
92568516002	**RW-98 (42-44)**	MADEP VPH	655377	MADEP VPH	655399
92568516001	**RW-91 (18-20)**	EPA 5035A/5030B	655099	EPA 8260D	655108
92568516002	**RW-98 (42-44)**	EPA 5035A/5030B	655371	EPA 8260D	655406
92568516001	**RW-91 (18-20)**	SW-846	655417		
92568516002	**RW-98 (42-44)**	SW-846	655417		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE O

WO# : 92568516

92568516

ber or

Company: APEX COMPANIES, LLC

Billing Information:

Address: 5900 NORTHWOODS BUSINESS PKWY

Report To: ANDREW STREET TOM NEUMANN

Email To:

Copy To: JOHN SWEENEY

Site Collection Info/Address:

Customer Project Name/Number: CPC HUNTERSVILLE / CPC 11018

State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [X] No

Collected By (print): MIKE REEVES

Purchase Order #:
Quote #: 2020-11-7248

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required: STANDARD

Immediately Packed on Ice: [X] Yes [ ] No

Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Container Preservative Type: 6 6

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: MADEP VPH; VOCs by 8260D

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	MADEP VPH	VOCs by 8260D	Lab Sample # / Comments
RW-91 (18-20)	SOIL	GRAB	10.22.21	1410	—	—	—	3	X	X	92568516 001
RW-98 (42-44)	SOIL	GRAB	10.22.21	1415	—	—	—	3	X	X	002

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: ZPLC

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546891

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: 92706474
Cooler 1 Temp Upon Receipt: 5.5 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 5.5 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
APEX	10.22.21 1702	MDO Pace HVL	10-22-21 17:02
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N (NA)
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

WO#: 92568516

PM: AMB Due Date: 10/29/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																						3							
2																						3							
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 02, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92569063001	**RW-92 (16'-18')**	Solid	10/26/21 17:00	10/27/21 11:40
92569063002	**RW-92 (62'-64')**	Solid	10/26/21 17:20	10/27/21 11:40

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92569063001	**RW-92 (16'-18')**	MADEP VPH	CL	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92569063002	**RW-92 (62'-64')**	MADEP VPH	LMB	6	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

Sample: RW-92 (16'-18') **Lab ID: 92569063001** Collected: 10/26/21 17:00 Received: 10/27/21 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**1900**	mg/kg	9.2	9.2	2.5	10/28/21 13:52	10/28/21 18:04		N2
Aliphatic (C05-C08)	**937**	mg/kg	9.2	9.2	2.5	10/28/21 13:52	10/28/21 18:04		N2
Aliphatic(C09-C12) Adjusted	**521**	mg/kg	9.2	9.2	2.5	10/28/21 13:52	10/28/21 18:04		N2
Aromatic (C09-C10)	**443**	mg/kg	9.2	9.2	2.5	10/28/21 13:52	10/28/21 18:04		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	167	%	70-130		2.5	10/28/21 13:52	10/28/21 18:04	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	108	%	70-130		2.5	10/28/21 13:52	10/28/21 18:04	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**13600**	ug/kg	3720	1200	20	10/29/21 14:22	10/30/21 02:09	67-64-1	
Benzene	**271**	ug/kg	186	74.1	20	10/29/21 14:22	10/30/21 02:09	71-43-2	
Bromobenzene	ND	ug/kg	186	60.7	20	10/29/21 14:22	10/30/21 02:09	108-86-1	
Bromochloromethane	ND	ug/kg	186	55.1	20	10/29/21 14:22	10/30/21 02:09	74-97-5	
Bromodichloromethane	ND	ug/kg	186	71.9	20	10/29/21 14:22	10/30/21 02:09	75-27-4	
Bromoform	ND	ug/kg	186	65.5	20	10/29/21 14:22	10/30/21 02:09	75-25-2	
Bromomethane	ND	ug/kg	372	294	20	10/29/21 14:22	10/30/21 02:09	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	3720	894	20	10/29/21 14:22	10/30/21 02:09	78-93-3	
n-Butylbenzene	**6830**	ug/kg	186	87.9	20	10/29/21 14:22	10/30/21 02:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	186	81.9	20	10/29/21 14:22	10/30/21 02:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	186	66.3	20	10/29/21 14:22	10/30/21 02:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	186	69.6	20	10/29/21 14:22	10/30/21 02:09	56-23-5	
Chlorobenzene	**149J**	ug/kg	186	35.7	20	10/29/21 14:22	10/30/21 02:09	108-90-7	
Chloroethane	ND	ug/kg	372	144	20	10/29/21 14:22	10/30/21 02:09	75-00-3	
Chloroform	ND	ug/kg	186	113	20	10/29/21 14:22	10/30/21 02:09	67-66-3	
Chloromethane	ND	ug/kg	372	156	20	10/29/21 14:22	10/30/21 02:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	186	65.9	20	10/29/21 14:22	10/30/21 02:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	186	33.0	20	10/29/21 14:22	10/30/21 02:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	186	72.2	20	10/29/21 14:22	10/30/21 02:09	96-12-8	
Dibromochloromethane	ND	ug/kg	186	105	20	10/29/21 14:22	10/30/21 02:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	186	81.9	20	10/29/21 14:22	10/30/21 02:09	106-93-4	
Dibromomethane	ND	ug/kg	186	39.8	20	10/29/21 14:22	10/30/21 02:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	186	67.0	20	10/29/21 14:22	10/30/21 02:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	186	57.7	20	10/29/21 14:22	10/30/21 02:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	186	48.4	20	10/29/21 14:22	10/30/21 02:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	372	80.8	20	10/29/21 14:22	10/30/21 02:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	186	76.7	20	10/29/21 14:22	10/30/21 02:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	186	123	20	10/29/21 14:22	10/30/21 02:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	186	76.7	20	10/29/21 14:22	10/30/21 02:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	186	63.7	20	10/29/21 14:22	10/30/21 02:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	186	65.2	20	10/29/21 14:22	10/30/21 02:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	186	55.9	20	10/29/21 14:22	10/30/21 02:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	186	58.1	20	10/29/21 14:22	10/30/21 02:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	186	60.7	20	10/29/21 14:22	10/30/21 02:09	594-20-7	

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

Sample: RW-92 (16'-18') **Lab ID: 92569063001** Collected: 10/26/21 17:00 Received: 10/27/21 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	186	89.4	20	10/29/21 14:22	10/30/21 02:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	186	50.6	20	10/29/21 14:22	10/30/21 02:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	186	64.0	20	10/29/21 14:22	10/30/21 02:09	10061-02-6	
Diisopropyl ether	**248**	ug/kg	186	50.3	20	10/29/21 14:22	10/30/21 02:09	108-20-3	
Ethylbenzene	**19900**	ug/kg	186	86.8	20	10/29/21 14:22	10/30/21 02:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	372	305	20	10/29/21 14:22	10/30/21 02:09	87-68-3	
2-Hexanone	ND	ug/kg	1860	179	20	10/29/21 14:22	10/30/21 02:09	591-78-6	
Isopropylbenzene (Cumene)	**4140**	ug/kg	186	63.3	20	10/29/21 14:22	10/30/21 02:09	98-82-8	
p-Isopropyltoluene	**6260**	ug/kg	186	91.6	20	10/29/21 14:22	10/30/21 02:09	99-87-6	
Methylene Chloride	ND	ug/kg	745	510	20	10/29/21 14:22	10/30/21 02:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	**3390**	ug/kg	1860	179	20	10/29/21 14:22	10/30/21 02:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	186	69.6	20	10/29/21 14:22	10/30/21 02:09	1634-04-4	
Naphthalene	**21600**	ug/kg	186	97.9	20	10/29/21 14:22	10/30/21 02:09	91-20-3	
n-Propylbenzene	**15100**	ug/kg	186	66.3	20	10/29/21 14:22	10/30/21 02:09	103-65-1	
Styrene	ND	ug/kg	186	49.1	20	10/29/21 14:22	10/30/21 02:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	186	71.5	20	10/29/21 14:22	10/30/21 02:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	186	49.1	20	10/29/21 14:22	10/30/21 02:09	79-34-5	
Tetrachloroethene	ND	ug/kg	186	58.8	20	10/29/21 14:22	10/30/21 02:09	127-18-4	
Toluene	**14300**	ug/kg	186	52.9	20	10/29/21 14:22	10/30/21 02:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	186	150	20	10/29/21 14:22	10/30/21 02:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	186	156	20	10/29/21 14:22	10/30/21 02:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	186	96.8	20	10/29/21 14:22	10/30/21 02:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	186	61.8	20	10/29/21 14:22	10/30/21 02:09	79-00-5	
Trichloroethene	ND	ug/kg	186	48.0	20	10/29/21 14:22	10/30/21 02:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	186	102	20	10/29/21 14:22	10/30/21 02:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	186	94.2	20	10/29/21 14:22	10/30/21 02:09	96-18-4	
1,2,4-Trimethylbenzene	**106000**	ug/kg	186	51.0	20	10/29/21 14:22	10/30/21 02:09	95-63-6	
1,3,5-Trimethylbenzene	**30400**	ug/kg	186	62.6	20	10/29/21 14:22	10/30/21 02:09	108-67-8	
Vinyl acetate	ND	ug/kg	1860	136	20	10/29/21 14:22	10/30/21 02:09	108-05-4	
Vinyl chloride	ND	ug/kg	372	94.6	20	10/29/21 14:22	10/30/21 02:09	75-01-4	
Xylene (Total)	**137000**	ug/kg	372	106	20	10/29/21 14:22	10/30/21 02:09	1330-20-7	
m&p-Xylene	**89400**	ug/kg	372	127	20	10/29/21 14:22	10/30/21 02:09	179601-23-1	
o-Xylene	**47800**	ug/kg	186	82.3	20	10/29/21 14:22	10/30/21 02:09	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		20	10/29/21 14:22	10/30/21 02:09	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		20	10/29/21 14:22	10/30/21 02:09	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		20	10/29/21 14:22	10/30/21 02:09	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**14.0**	%	0.10	0.10	1		10/27/21 16:40		N2

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

Sample: RW-92 (62'-64') **Lab ID: 92569063002** Collected: 10/26/21 17:20 Received: 10/27/21 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	mg/kg	3.2	3.2	1	10/27/21 16:22	10/28/21 00:09		N2
Aliphatic (C05-C08)	ND	mg/kg	3.2	3.2	1	10/27/21 16:22	10/28/21 00:09		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.2	3.2	1	10/27/21 16:22	10/28/21 00:09		N2
Aromatic (C09-C10)	ND	mg/kg	3.2	3.2	1	10/27/21 16:22	10/28/21 00:09		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1	10/27/21 16:22	10/28/21 00:09	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1	10/27/21 16:22	10/28/21 00:09	460-00-4	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	146	46.7	1	10/28/21 13:24	10/28/21 18:34	67-64-1	
Benzene	**4.4J**	ug/kg	7.3	2.9	1	10/28/21 13:24	10/28/21 18:34	71-43-2	
Bromobenzene	ND	ug/kg	7.3	2.4	1	10/28/21 13:24	10/28/21 18:34	108-86-1	
Bromochloromethane	ND	ug/kg	7.3	2.2	1	10/28/21 13:24	10/28/21 18:34	74-97-5	
Bromodichloromethane	ND	ug/kg	7.3	2.8	1	10/28/21 13:24	10/28/21 18:34	75-27-4	
Bromoform	ND	ug/kg	7.3	2.6	1	10/28/21 13:24	10/28/21 18:34	75-25-2	
Bromomethane	ND	ug/kg	14.6	11.5	1	10/28/21 13:24	10/28/21 18:34	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	146	34.9	1	10/28/21 13:24	10/28/21 18:34	78-93-3	
n-Butylbenzene	**7.7**	ug/kg	7.3	3.4	1	10/28/21 13:24	10/28/21 18:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.3	3.2	1	10/28/21 13:24	10/28/21 18:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.3	2.6	1	10/28/21 13:24	10/28/21 18:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.3	2.7	1	10/28/21 13:24	10/28/21 18:34	56-23-5	
Chlorobenzene	ND	ug/kg	7.3	1.4	1	10/28/21 13:24	10/28/21 18:34	108-90-7	
Chloroethane	ND	ug/kg	14.6	5.6	1	10/28/21 13:24	10/28/21 18:34	75-00-3	
Chloroform	ND	ug/kg	7.3	4.4	1	10/28/21 13:24	10/28/21 18:34	67-66-3	
Chloromethane	ND	ug/kg	14.6	6.1	1	10/28/21 13:24	10/28/21 18:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.3	2.6	1	10/28/21 13:24	10/28/21 18:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.3	1.3	1	10/28/21 13:24	10/28/21 18:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	2.8	1	10/28/21 13:24	10/28/21 18:34	96-12-8	
Dibromochloromethane	ND	ug/kg	7.3	4.1	1	10/28/21 13:24	10/28/21 18:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.3	3.2	1	10/28/21 13:24	10/28/21 18:34	106-93-4	
Dibromomethane	ND	ug/kg	7.3	1.6	1	10/28/21 13:24	10/28/21 18:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.3	2.6	1	10/28/21 13:24	10/28/21 18:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.3	2.3	1	10/28/21 13:24	10/28/21 18:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.3	1.9	1	10/28/21 13:24	10/28/21 18:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.6	3.2	1	10/28/21 13:24	10/28/21 18:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.3	3.0	1	10/28/21 13:24	10/28/21 18:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.3	4.8	1	10/28/21 13:24	10/28/21 18:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.3	3.0	1	10/28/21 13:24	10/28/21 18:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.3	2.5	1	10/28/21 13:24	10/28/21 18:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.3	2.5	1	10/28/21 13:24	10/28/21 18:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.3	2.2	1	10/28/21 13:24	10/28/21 18:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.3	2.3	1	10/28/21 13:24	10/28/21 18:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.3	2.4	1	10/28/21 13:24	10/28/21 18:34	594-20-7	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

Sample: RW-92 (62'-64') **Lab ID: 92569063002** Collected: 10/26/21 17:20 Received: 10/27/21 11:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
1,1-Dichloropropene	ND	ug/kg	7.3	3.5	1	10/28/21 13:24	10/28/21 18:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.3	2.0	1	10/28/21 13:24	10/28/21 18:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.3	2.5	1	10/28/21 13:24	10/28/21 18:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.3	2.0	1	10/28/21 13:24	10/28/21 18:34	108-20-3	
Ethylbenzene	**24.6**	ug/kg	7.3	3.4	1	10/28/21 13:24	10/28/21 18:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.6	11.9	1	10/28/21 13:24	10/28/21 18:34	87-68-3	
2-Hexanone	ND	ug/kg	72.8	7.0	1	10/28/21 13:24	10/28/21 18:34	591-78-6	
Isopropylbenzene (Cumene)	**4.0J**	ug/kg	7.3	2.5	1	10/28/21 13:24	10/28/21 18:34	98-82-8	
p-Isopropyltoluene	**6.9J**	ug/kg	7.3	3.6	1	10/28/21 13:24	10/28/21 18:34	99-87-6	
Methylene Chloride	ND	ug/kg	29.1	19.9	1	10/28/21 13:24	10/28/21 18:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.8	7.0	1	10/28/21 13:24	10/28/21 18:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.3	2.7	1	10/28/21 13:24	10/28/21 18:34	1634-04-4	
Naphthalene	**5.7J**	ug/kg	7.3	3.8	1	10/28/21 13:24	10/28/21 18:34	91-20-3	
n-Propylbenzene	**16.5**	ug/kg	7.3	2.6	1	10/28/21 13:24	10/28/21 18:34	103-65-1	
Styrene	ND	ug/kg	7.3	1.9	1	10/28/21 13:24	10/28/21 18:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.3	2.8	1	10/28/21 13:24	10/28/21 18:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.3	1.9	1	10/28/21 13:24	10/28/21 18:34	79-34-5	
Tetrachloroethene	ND	ug/kg	7.3	2.3	1	10/28/21 13:24	10/28/21 18:34	127-18-4	
Toluene	**41.5**	ug/kg	7.3	2.1	1	10/28/21 13:24	10/28/21 18:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.3	5.9	1	10/28/21 13:24	10/28/21 18:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.3	6.1	1	10/28/21 13:24	10/28/21 18:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.3	3.8	1	10/28/21 13:24	10/28/21 18:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.3	2.4	1	10/28/21 13:24	10/28/21 18:34	79-00-5	
Trichloroethene	ND	ug/kg	7.3	1.9	1	10/28/21 13:24	10/28/21 18:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.3	4.0	1	10/28/21 13:24	10/28/21 18:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.3	3.7	1	10/28/21 13:24	10/28/21 18:34	96-18-4	
1,2,4-Trimethylbenzene	**78.9**	ug/kg	7.3	2.0	1	10/28/21 13:24	10/28/21 18:34	95-63-6	
1,3,5-Trimethylbenzene	**26.2**	ug/kg	7.3	2.4	1	10/28/21 13:24	10/28/21 18:34	108-67-8	
Vinyl acetate	ND	ug/kg	72.8	5.3	1	10/28/21 13:24	10/28/21 18:34	108-05-4	
Vinyl chloride	ND	ug/kg	14.6	3.7	1	10/28/21 13:24	10/28/21 18:34	75-01-4	
Xylene (Total)	**131**	ug/kg	14.6	4.1	1	10/28/21 13:24	10/28/21 18:34	1330-20-7	
m&p-Xylene	**97.8**	ug/kg	14.6	5.0	1	10/28/21 13:24	10/28/21 18:34	179601-23-1	
o-Xylene	**33.7**	ug/kg	7.3	3.2	1	10/28/21 13:24	10/28/21 18:34	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	10/28/21 13:24	10/28/21 18:34	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		1	10/28/21 13:24	10/28/21 18:34	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1	10/28/21 13:24	10/28/21 18:34	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**12.5**	%	0.10	0.10	1		10/27/21 16:40		N2

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

QC Batch: 655731
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569063002

METHOD BLANK: 3437784 Matrix: Solid
Associated Lab Samples: 92569063002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/27/21 16:08	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/27/21 16:08	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130		10/27/21 16:08	
4-Bromofluorobenzene (PID) (S)	%	98	70-130		10/27/21 16:08	

LABORATORY CONTROL SAMPLE & LCSD: 3437785 3437786

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	12.9	11.8	87	79	70-130	9	25	N2
Aromatic (C09-C10)	mg/kg	5	5.2	4.7	104	94	70-130	10	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	99	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	96	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

QC Batch: 655957
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Soil
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569063001

METHOD BLANK: 3438887 Matrix: Solid
Associated Lab Samples: 92569063001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	10/28/21 14:45	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	10/28/21 14:45	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		10/28/21 14:45	
4-Bromofluorobenzene (PID) (S)	%	103	70-130		10/28/21 14:45	

LABORATORY CONTROL SAMPLE & LCSD: 3438888 3438889

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	13.7	13.2	92	89	70-130	3	25	N2
Aromatic (C09-C10)	mg/kg	5	5.4	5.2	109	104	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	103	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	101	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

QC Batch: 655937
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92569063002

METHOD BLANK: 3438825 Matrix: Solid
Associated Lab Samples: 92569063002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/28/21 13:20	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/28/21 13:20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/28/21 13:20	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/28/21 13:20	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/28/21 13:20	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/28/21 13:20	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/28/21 13:20	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/28/21 13:20	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/28/21 13:20	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/28/21 13:20	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/28/21 13:20	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/28/21 13:20	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/28/21 13:20	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/28/21 13:20	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/28/21 13:20	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/28/21 13:20	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/28/21 13:20	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/28/21 13:20	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/28/21 13:20	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/28/21 13:20	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/28/21 13:20	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/28/21 13:20	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/28/21 13:20	
2-Hexanone	ug/kg	ND	50.0	4.8	10/28/21 13:20	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/28/21 13:20	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/28/21 13:20	
Acetone	ug/kg	ND	100	32.1	10/28/21 13:20	
Benzene	ug/kg	ND	5.0	2.0	10/28/21 13:20	
Bromobenzene	ug/kg	ND	5.0	1.6	10/28/21 13:20	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/28/21 13:20	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/28/21 13:20	
Bromoform	ug/kg	ND	5.0	1.8	10/28/21 13:20	
Bromomethane	ug/kg	ND	10.0	7.9	10/28/21 13:20	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/28/21 13:20	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/28/21 13:20	
Chloroethane	ug/kg	ND	10.0	3.9	10/28/21 13:20	
Chloroform	ug/kg	ND	5.0	3.0	10/28/21 13:20	
Chloromethane	ug/kg	ND	10.0	4.2	10/28/21 13:20	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/28/21 13:20	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/28/21 13:20	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

METHOD BLANK: 3438825 Matrix: Solid
Associated Lab Samples: 92569063002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/28/21 13:20	
Dibromomethane	ug/kg	ND	5.0	1.1	10/28/21 13:20	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/28/21 13:20	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/28/21 13:20	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/28/21 13:20	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/28/21 13:20	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/28/21 13:20	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/28/21 13:20	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/28/21 13:20	
Methylene Chloride	ug/kg	ND	20.0	13.7	10/28/21 13:20	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/28/21 13:20	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/28/21 13:20	
Naphthalene	ug/kg	ND	5.0	2.6	10/28/21 13:20	
o-Xylene	ug/kg	ND	5.0	2.2	10/28/21 13:20	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/28/21 13:20	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/28/21 13:20	
Styrene	ug/kg	ND	5.0	1.3	10/28/21 13:20	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/28/21 13:20	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/28/21 13:20	
Toluene	ug/kg	ND	5.0	1.4	10/28/21 13:20	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/28/21 13:20	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/28/21 13:20	
Trichloroethene	ug/kg	ND	5.0	1.3	10/28/21 13:20	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/28/21 13:20	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/28/21 13:20	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/28/21 13:20	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/28/21 13:20	
1,2-Dichloroethane-d4 (S)	%	110	70-130		10/28/21 13:20	
4-Bromofluorobenzene (S)	%	100	69-134		10/28/21 13:20	
Toluene-d8 (S)	%	98	70-130		10/28/21 13:20	

LABORATORY CONTROL SAMPLE: 3438826

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1230	98	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1240	99	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1240	99	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1230	98	70-130	
1,1-Dichloroethane	ug/kg	1250	1320	105	70-130	
1,1-Dichloroethene	ug/kg	1250	1350	108	70-130	
1,1-Dichloropropene	ug/kg	1250	1260	101	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1290	103	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1260	100	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1270	101	68-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

LABORATORY CONTROL SAMPLE: 3438826

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1270	101	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1380	110	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1250	100	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1220	98	70-130	
1,2-Dichloroethane	ug/kg	1250	1180	94	63-130	
1,2-Dichloropropane	ug/kg	1250	1280	102	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1280	103	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1220	98	70-130	
1,3-Dichloropropane	ug/kg	1250	1220	97	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1210	97	70-130	
2,2-Dichloropropane	ug/kg	1250	1250	100	66-130	
2-Butanone (MEK)	ug/kg	2500	2550	102	70-130	
2-Chlorotoluene	ug/kg	1250	1290	103	70-130	
2-Hexanone	ug/kg	2500	2590	104	70-130	
4-Chlorotoluene	ug/kg	1250	1240	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2530	101	70-130	
Acetone	ug/kg	2500	2310	92	69-130	
Benzene	ug/kg	1250	1250	100	70-130	
Bromobenzene	ug/kg	1250	1270	102	70-130	
Bromochloromethane	ug/kg	1250	1290	103	70-130	
Bromodichloromethane	ug/kg	1250	1220	97	69-130	
Bromoform	ug/kg	1250	1290	103	70-130	
Bromomethane	ug/kg	1250	1440	115	52-130	IK
Carbon tetrachloride	ug/kg	1250	1280	103	70-130	
Chlorobenzene	ug/kg	1250	1200	96	70-130	
Chloroethane	ug/kg	1250	1430	114	65-130	
Chloroform	ug/kg	1250	1260	100	70-130	
Chloromethane	ug/kg	1250	1260	101	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1290	103	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1260	101	70-130	
Dibromochloromethane	ug/kg	1250	1280	103	70-130	
Dibromomethane	ug/kg	1250	1260	101	70-130	
Dichlorodifluoromethane	ug/kg	1250	1270	102	45-156	
Diisopropyl ether	ug/kg	1250	1230	98	70-130	
Ethylbenzene	ug/kg	1250	1150	92	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1290	103	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1250	100	70-130	
m&p-Xylene	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1200	96	70-130	
Methylene Chloride	ug/kg	1250	1150	92	65-130	
n-Butylbenzene	ug/kg	1250	1290	103	67-130	
n-Propylbenzene	ug/kg	1250	1260	101	70-130	
Naphthalene	ug/kg	1250	1250	100	70-130	
o-Xylene	ug/kg	1250	1210	97	70-130	
p-Isopropyltoluene	ug/kg	1250	1270	102	67-130	
sec-Butylbenzene	ug/kg	1250	1260	101	69-130	
Styrene	ug/kg	1250	1280	102	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

LABORATORY CONTROL SAMPLE: 3438826

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1210	97	67-130	
Tetrachloroethene	ug/kg	1250	1250	100	70-130	
Toluene	ug/kg	1250	1200	96	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1350	108	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1230	98	68-130	
Trichloroethene	ug/kg	1250	1240	99	70-130	
Trichlorofluoromethane	ug/kg	1250	1240	99	70-130	
Vinyl acetate	ug/kg	2500	2590	104	70-130	
Vinyl chloride	ug/kg	1250	1340	107	61-130	
Xylene (Total)	ug/kg	3750	3640	97	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			98	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 3438828

Parameter	Units	92569202006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	757	673	89	70-131	
1,1,1-Trichloroethane	ug/kg	ND	757	677	89	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	757	674	89	66-130	
1,1,2-Trichloroethane	ug/kg	ND	757	667	88	66-133	
1,1-Dichloroethane	ug/kg	ND	757	697	92	65-130	
1,1-Dichloroethene	ug/kg	ND	757	717	95	10-158	
1,1-Dichloropropene	ug/kg	ND	757	721	95	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	757	596	79	27-138	
1,2,3-Trichloropropane	ug/kg	ND	757	669	88	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	757	737	97	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	757	926	122	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	757	654	86	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	757	678	89	70-130	
1,2-Dichlorobenzene	ug/kg	ND	757	727	96	69-130	
1,2-Dichloroethane	ug/kg	ND	757	622	82	59-130	
1,2-Dichloropropane	ug/kg	ND	757	713	94	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	757	812	107	65-137	
1,3-Dichlorobenzene	ug/kg	ND	757	712	94	70-130	
1,3-Dichloropropane	ug/kg	ND	757	678	89	70-130	
1,4-Dichlorobenzene	ug/kg	ND	757	721	95	68-130	
2,2-Dichloropropane	ug/kg	ND	757	649	86	32-130	
2-Butanone (MEK)	ug/kg	ND	1510	1100	73	10-136	
2-Chlorotoluene	ug/kg	ND	757	752	99	69-141	
2-Hexanone	ug/kg	ND	1510	1140	75	10-144	
4-Chlorotoluene	ug/kg	ND	757	729	96	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1510	1260	83	25-143	
Acetone	ug/kg	ND	1510	712	47	10-130	
Benzene	ug/kg	ND	757	709	94	67-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

MATRIX SPIKE SAMPLE: 3438828

Parameter	Units	92569202006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	757	722	95	70-130	
Bromochloromethane	ug/kg	ND	757	654	86	69-134	
Bromodichloromethane	ug/kg	ND	757	630	83	64-130	
Bromoform	ug/kg	ND	757	613	81	62-130	
Bromomethane	ug/kg	ND	757	334	44	20-176	IK
Carbon tetrachloride	ug/kg	ND	757	690	91	65-140	
Chlorobenzene	ug/kg	ND	757	706	93	70-130	
Chloroethane	ug/kg	ND	757	122	16	10-130	
Chloroform	ug/kg	ND	757	672	89	63-130	
Chloromethane	ug/kg	ND	757	623	82	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	757	690	91	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	757	666	88	67-130	
Dibromochloromethane	ug/kg	ND	757	635	84	67-130	
Dibromomethane	ug/kg	ND	757	657	87	63-131	
Dichlorodifluoromethane	ug/kg	ND	757	599	79	44-180	
Diisopropyl ether	ug/kg	ND	757	648	86	63-130	
Ethylbenzene	ug/kg	ND	757	703	93	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	757	786	104	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	757	763	101	69-135	
m&p-Xylene	ug/kg	ND	1510	1510	99	60-133	
Methyl-tert-butyl ether	ug/kg	ND	757	610	81	65-130	
Methylene Chloride	ug/kg	ND	757	608	80	61-130	
n-Butylbenzene	ug/kg	ND	757	840	111	65-140	
n-Propylbenzene	ug/kg	ND	757	771	102	67-140	
Naphthalene	ug/kg	ND	757	683	90	15-145	
o-Xylene	ug/kg	ND	757	729	96	66-133	
p-Isopropyltoluene	ug/kg	ND	757	790	104	56-147	
sec-Butylbenzene	ug/kg	ND	757	766	101	65-139	
Styrene	ug/kg	ND	757	723	95	70-132	
tert-Butylbenzene	ug/kg	ND	757	729	96	62-135	
Tetrachloroethene	ug/kg	ND	757	744	98	70-135	
Toluene	ug/kg	ND	757	697	92	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	757	723	95	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	757	635	84	62-130	
Trichloroethene	ug/kg	ND	757	710	94	70-135	
Trichlorofluoromethane	ug/kg	ND	757	87.8	12	10-130	
Vinyl acetate	ug/kg	ND	1510	1280	85	53-130	
Vinyl chloride	ug/kg	ND	757	636	84	61-148	
Xylene (Total)	ug/kg	ND	2280	2240	98	63-132	
1,2-Dichloroethane-d4 (S)	%				117	70-130	
4-Bromofluorobenzene (S)	%				99	69-134	
Toluene-d8 (S)	%				100	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

SAMPLE DUPLICATE: 3438827

Parameter	Units	92568803008 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	IK
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

SAMPLE DUPLICATE: 3438827

Parameter	Units	92568803008 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	108	109			
4-Bromofluorobenzene (S)	%	100	99			
Toluene-d8 (S)	%	99	98			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

QC Batch: 656269
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569063001

METHOD BLANK: 3440404 Matrix: Solid
Associated Lab Samples: 92569063001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	10/29/21 17:32	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	10/29/21 17:32	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	10/29/21 17:32	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	10/29/21 17:32	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	10/29/21 17:32	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	10/29/21 17:32	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	10/29/21 17:32	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	10/29/21 17:32	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	10/29/21 17:32	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	10/29/21 17:32	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	10/29/21 17:32	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	10/29/21 17:32	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	10/29/21 17:32	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	10/29/21 17:32	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	10/29/21 17:32	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	10/29/21 17:32	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	10/29/21 17:32	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	10/29/21 17:32	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	10/29/21 17:32	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	10/29/21 17:32	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	10/29/21 17:32	
2-Butanone (MEK)	ug/kg	ND	100	24.0	10/29/21 17:32	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	10/29/21 17:32	
2-Hexanone	ug/kg	ND	50.0	4.8	10/29/21 17:32	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	10/29/21 17:32	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	10/29/21 17:32	
Acetone	ug/kg	ND	100	32.1	10/29/21 17:32	
Benzene	ug/kg	ND	5.0	2.0	10/29/21 17:32	
Bromobenzene	ug/kg	ND	5.0	1.6	10/29/21 17:32	
Bromochloromethane	ug/kg	ND	5.0	1.5	10/29/21 17:32	
Bromodichloromethane	ug/kg	ND	5.0	1.9	10/29/21 17:32	
Bromoform	ug/kg	ND	5.0	1.8	10/29/21 17:32	
Bromomethane	ug/kg	ND	10.0	7.9	10/29/21 17:32	IK
Carbon tetrachloride	ug/kg	ND	5.0	1.9	10/29/21 17:32	
Chlorobenzene	ug/kg	ND	5.0	0.96	10/29/21 17:32	
Chloroethane	ug/kg	ND	10.0	3.9	10/29/21 17:32	
Chloroform	ug/kg	ND	5.0	3.0	10/29/21 17:32	
Chloromethane	ug/kg	ND	10.0	4.2	10/29/21 17:32	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	10/29/21 17:32	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	10/29/21 17:32	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

METHOD BLANK: 3440404 Matrix: Solid
Associated Lab Samples: 92569063001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	10/29/21 17:32	
Dibromomethane	ug/kg	ND	5.0	1.1	10/29/21 17:32	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	10/29/21 17:32	
Diisopropyl ether	ug/kg	ND	5.0	1.4	10/29/21 17:32	
Ethylbenzene	ug/kg	ND	5.0	2.3	10/29/21 17:32	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	10/29/21 17:32	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	10/29/21 17:32	
m&p-Xylene	ug/kg	ND	10.0	3.4	10/29/21 17:32	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	10/29/21 17:32	
Methylene Chloride	ug/kg	ND	20.0	13.7	10/29/21 17:32	
n-Butylbenzene	ug/kg	ND	5.0	2.4	10/29/21 17:32	
n-Propylbenzene	ug/kg	ND	5.0	1.8	10/29/21 17:32	
Naphthalene	ug/kg	ND	5.0	2.6	10/29/21 17:32	
o-Xylene	ug/kg	ND	5.0	2.2	10/29/21 17:32	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	10/29/21 17:32	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	10/29/21 17:32	
Styrene	ug/kg	ND	5.0	1.3	10/29/21 17:32	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	10/29/21 17:32	
Tetrachloroethene	ug/kg	ND	5.0	1.6	10/29/21 17:32	
Toluene	ug/kg	ND	5.0	1.4	10/29/21 17:32	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	10/29/21 17:32	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	10/29/21 17:32	
Trichloroethene	ug/kg	ND	5.0	1.3	10/29/21 17:32	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	10/29/21 17:32	
Vinyl acetate	ug/kg	ND	50.0	3.6	10/29/21 17:32	
Vinyl chloride	ug/kg	ND	10.0	2.5	10/29/21 17:32	
Xylene (Total)	ug/kg	ND	10.0	2.8	10/29/21 17:32	
1,2-Dichloroethane-d4 (S)	%	109	70-130		10/29/21 17:32	
4-Bromofluorobenzene (S)	%	101	69-134		10/29/21 17:32	
Toluene-d8 (S)	%	97	70-130		10/29/21 17:32	

LABORATORY CONTROL SAMPLE: 3440405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1220	97	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1190	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1260	101	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1230	98	70-130	
1,1-Dichloroethane	ug/kg	1250	1280	103	70-130	
1,1-Dichloroethene	ug/kg	1250	1310	105	70-130	
1,1-Dichloropropene	ug/kg	1250	1210	97	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1230	98	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1260	101	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1220	98	68-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

LABORATORY CONTROL SAMPLE: 3440405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1210	97	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1310	105	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1260	101	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1200	96	70-130	
1,2-Dichloroethane	ug/kg	1250	1170	94	63-130	
1,2-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1200	96	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1170	94	70-130	
1,3-Dichloropropane	ug/kg	1250	1230	98	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1210	97	70-130	
2,2-Dichloropropane	ug/kg	1250	1210	97	66-130	
2-Butanone (MEK)	ug/kg	2500	2470	99	70-130	
2-Chlorotoluene	ug/kg	1250	1210	97	70-130	
2-Hexanone	ug/kg	2500	2560	102	70-130	
4-Chlorotoluene	ug/kg	1250	1180	94	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2500	100	70-130	
Acetone	ug/kg	2500	2250	90	69-130	
Benzene	ug/kg	1250	1200	96	70-130	
Bromobenzene	ug/kg	1250	1230	98	70-130	
Bromochloromethane	ug/kg	1250	1290	103	70-130	
Bromodichloromethane	ug/kg	1250	1220	98	69-130	
Bromoform	ug/kg	1250	1330	106	70-130	
Bromomethane	ug/kg	1250	1450	116	52-130	IK
Carbon tetrachloride	ug/kg	1250	1220	98	70-130	
Chlorobenzene	ug/kg	1250	1190	95	70-130	
Chloroethane	ug/kg	1250	1400	112	65-130	
Chloroform	ug/kg	1250	1230	98	70-130	
Chloromethane	ug/kg	1250	1250	100	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	100	70-130	
Dibromochloromethane	ug/kg	1250	1300	104	70-130	
Dibromomethane	ug/kg	1250	1250	100	70-130	
Dichlorodifluoromethane	ug/kg	1250	1300	104	45-156	
Diisopropyl ether	ug/kg	1250	1240	99	70-130	
Ethylbenzene	ug/kg	1250	1110	89	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1220	98	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1210	96	70-130	
m&p-Xylene	ug/kg	2500	2340	94	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1220	98	70-130	
Methylene Chloride	ug/kg	1250	1140	92	65-130	
n-Butylbenzene	ug/kg	1250	1230	98	67-130	
n-Propylbenzene	ug/kg	1250	1170	94	70-130	
Naphthalene	ug/kg	1250	1190	96	70-130	
o-Xylene	ug/kg	1250	1180	95	70-130	
p-Isopropyltoluene	ug/kg	1250	1210	96	67-130	
sec-Butylbenzene	ug/kg	1250	1190	95	69-130	
Styrene	ug/kg	1250	1270	102	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

LABORATORY CONTROL SAMPLE: 3440405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1110	89	67-130	
Tetrachloroethene	ug/kg	1250	1210	97	70-130	
Toluene	ug/kg	1250	1160	93	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1310	105	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1220	98	68-130	
Trichloroethene	ug/kg	1250	1200	96	70-130	
Trichlorofluoromethane	ug/kg	1250	1210	97	70-130	
Vinyl acetate	ug/kg	2500	2590	104	70-130	
Vinyl chloride	ug/kg	1250	1320	105	61-130	
Xylene (Total)	ug/kg	3750	3530	94	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			101	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3440406 3440407

Parameter	Units	92569091007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	26800	26800	29800	29700	111	111	70-131	0	30	
1,1,1-Trichloroethane	ug/kg	ND	26800	26800	29400	29900	110	112	65-133	2	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	26800	26800	30400	30600	114	114	66-130	0	30	
1,1,2-Trichloroethane	ug/kg	ND	26800	26800	30400	31400	113	117	66-133	3	30	
1,1-Dichloroethane	ug/kg	ND	26800	26800	31400	31100	117	116	65-130	1	30	
1,1-Dichloroethene	ug/kg	ND	26800	26800	32300	32000	121	119	10-158	1	30	
1,1-Dichloropropene	ug/kg	ND	26800	26800	30200	30200	113	113	68-133	0	30	
1,2,3-Trichlorobenzene	ug/kg	ND	26800	26800	29700	30100	111	112	27-138	2	30	
1,2,3-Trichloropropane	ug/kg	ND	26800	26800	28200	29300	105	109	67-130	4	30	
1,2,4-Trichlorobenzene	ug/kg	ND	26800	26800	29200	29800	109	111	51-134	2	30	
1,2,4-Trimethylbenzene	ug/kg	183000	26800	26800	218000	233000	133	187	63-136	6	30	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	26800	26800	30500	31700	114	118	32-130	4	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	26800	26800	30300	30400	113	113	70-130	0	30	
1,2-Dichlorobenzene	ug/kg	ND	26800	26800	28800	29700	108	111	69-130	3	30	
1,2-Dichloroethane	ug/kg	ND	26800	26800	27700	27900	103	104	59-130	0	30	
1,2-Dichloropropane	ug/kg	ND	26800	26800	30200	30900	113	115	70-130	2	30	
1,3,5-Trimethylbenzene	ug/kg	66400	26800	26800	102000	108000	131	155	65-137	6	30	M1
1,3-Dichlorobenzene	ug/kg	ND	26800	26800	29100	29400	109	110	70-130	1	30	
1,3-Dichloropropane	ug/kg	ND	26800	26800	29600	29900	110	111	70-130	1	30	
1,4-Dichlorobenzene	ug/kg	ND	26800	26800	29300	29400	109	110	68-130	1	30	
2,2-Dichloropropane	ug/kg	ND	26800	26800	25700	25600	96	96	32-130	0	30	
2-Butanone (MEK)	ug/kg	ND	53600	53600	54200	55200	101	103	10-136	2	30	
2-Chlorotoluene	ug/kg	ND	26800	26800	36800	37600	137	140	69-141	2	30	
2-Hexanone	ug/kg	ND	53600	53600	61100	61200	114	114	10-144	0	30	
4-Chlorotoluene	ug/kg	ND	26800	26800	29300	29900	109	112	70-132	2	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	3850	53600	53600	60200	61700	105	108	25-143	2	30	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3440406 3440407

Parameter	Units	92569091007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetone	ug/kg	ND	53600	53600	49700	52500	93	98	10-130	5	30	
Benzene	ug/kg	ND	26800	26800	29900	30300	111	112	67-130	1	30	
Bromobenzene	ug/kg	ND	26800	26800	30600	30900	114	115	70-130	1	30	
Bromochloromethane	ug/kg	ND	26800	26800	30000	30400	112	113	69-134	1	30	
Bromodichloromethane	ug/kg	ND	26800	26800	29000	28300	108	106	64-130	2	30	
Bromoform	ug/kg	ND	26800	26800	29600	29700	110	111	62-130	1	30	
Bromomethane	ug/kg	ND	26800	26800	30200	31000	113	116	20-176	2	30	IK
Carbon tetrachloride	ug/kg	ND	26800	26800	30300	31200	113	116	65-140	3	30	
Chlorobenzene	ug/kg	ND	26800	26800	30000	29600	112	111	70-130	1	30	
Chloroethane	ug/kg	ND	26800	26800	33200	32700	124	122	10-130	2	30	
Chloroform	ug/kg	ND	26800	26800	29700	29500	111	110	63-130	1	30	
Chloromethane	ug/kg	ND	26800	26800	30700	30100	114	112	58-130	2	30	
cis-1,2-Dichloroethene	ug/kg	ND	26800	26800	30100	30200	112	113	66-130	0	30	
cis-1,3-Dichloropropene	ug/kg	ND	26800	26800	28400	29300	106	109	67-130	3	30	
Dibromochloromethane	ug/kg	ND	26800	26800	30700	30800	115	115	67-130	0	30	
Dibromomethane	ug/kg	ND	26800	26800	29200	30000	109	112	63-131	3	30	
Dichlorodifluoromethane	ug/kg	ND	26800	26800	32700	32300	122	121	44-180	1	30	
Diisopropyl ether	ug/kg	ND	26800	26800	28900	28700	108	107	63-130	1	30	
Ethylbenzene	ug/kg	3770	26800	26800	32200	32500	106	107	66-130	1	30	
Hexachloro-1,3-butadiene	ug/kg	ND	26800	26800	37100	37700	139	141	64-150	1	30	
Isopropylbenzene (Cumene)	ug/kg	4470	26800	26800	35200	35800	115	117	69-135	2	30	
m&p-Xylene	ug/kg	28800	53600	53600	89100	92100	112	118	60-133	3	30	
Methyl-tert-butyl ether	ug/kg	ND	26800	26800	28000	28100	104	105	65-130	0	30	
Methylene Chloride	ug/kg	ND	26800	26800	27400	27100	99	97	61-130	1	30	
n-Butylbenzene	ug/kg	16400	26800	26800	52200	50500	134	127	65-140	3	30	
n-Propylbenzene	ug/kg	18000	26800	26800	48000	49700	112	118	67-140	4	30	
Naphthalene	ug/kg	37600	26800	26800	68100	72000	114	129	15-145	6	30	
o-Xylene	ug/kg	18600	26800	26800	48600	50000	112	117	66-133	3	30	
p-Isopropyltoluene	ug/kg	14900	26800	26800	46700	48700	119	126	56-147	4	30	
sec-Butylbenzene	ug/kg	4620	26800	26800	35600	41700	115	138	65-139	16	30	
Styrene	ug/kg	ND	26800	26800	31200	31900	116	119	70-132	2	30	
tert-Butylbenzene	ug/kg	ND	26800	26800	29900	30200	111	113	62-135	1	30	
Tetrachloroethene	ug/kg	ND	26800	26800	29500	30500	110	114	70-135	3	30	
Toluene	ug/kg	344	26800	26800	28600	29100	105	107	67-130	2	30	
trans-1,2-Dichloroethene	ug/kg	ND	26800	26800	31900	32100	119	120	69-130	1	30	
trans-1,3-Dichloropropene	ug/kg	ND	26800	26800	27800	27900	104	104	62-130	1	30	
Trichloroethene	ug/kg	ND	26800	26800	29400	30300	110	113	70-135	3	30	
Trichlorofluoromethane	ug/kg	ND	26800	26800	30100	29900	112	112	10-130	0	30	
Vinyl acetate	ug/kg	ND	53600	53600	57700	57100	108	106	53-130	1	30	
Vinyl chloride	ug/kg	ND	26800	26800	33000	32100	123	120	61-148	3	30	
Xylene (Total)	ug/kg	47500	80400	80400	138000	142000	112	118	63-132	3	30	
1,2-Dichloroethane-d4 (S)	%						100	99	70-130			
4-Bromofluorobenzene (S)	%						101	102	69-134			
Toluene-d8 (S)	%						98	100	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

QC Batch: 655711
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92569063001, 92569063002

SAMPLE DUPLICATE: 3437644

Parameter	Units	92567946004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.3	19.1	10	25	N2

SAMPLE DUPLICATE: 3437646

Parameter	Units	92569063002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.5	12.8	2	25	N2

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92569063

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92569063001	**RW-92 (16'-18')**	MADEP VPH	655957	MADEP VPH	656020
92569063002	**RW-92 (62'-64')**	MADEP VPH	655731	MADEP VPH	655743
92569063001	**RW-92 (16'-18')**	EPA 5035A/5030B	656269	EPA 8260D	656284
92569063002	**RW-92 (62'-64')**	EPA 5035A/5030B	655937	EPA 8260D	655977
92569063001	**RW-92 (16'-18')**	SW-846	655711		
92569063002	**RW-92 (62'-64')**	SW-846	655711		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY

WO# : 92569063

92569063

Company: Apex Companies, LLC	Billing Information:
Address: 5900 North Woods Bus. Pkwy, Ste 0	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To: tom.naumann@apexcos.com	Site Collection Info/Address: CPC Huntersville Release
Customer Project Name/Number: CPC Huntersville	State: NC / County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: / Email:	Site/Facility ID #:
Collected By (print): Kyle Ziegler	Purchase Order #: / Quote #: 2020-LI-2248
Collected By (signature): Kyle Ziegler	Turnaround Date Required: Standard
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: / DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [✓] No

Analysis: _____

Container P: 6 6

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	MADEP VPH	VOCs by 8260D
RW-92 (16'-18')	SL	Grab			10-26-21	1700		3	X	X
RW-92 (62'-64')	SL	Grab			10-26-21	1720		3	X	X

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:
92569063
001
002

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: None

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546900

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92506A
Cooler 1 Temp Upon Receipt: .4 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: .4 oC
Comments:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Kyle Ziegler / Apex	10-27-21/0800	[signature]	10/27 0707
[signature]	10/27/21 11:40	[signature]	10/27/21/1148
[signature]	10/27/21/1200	JB Pace HVL	10/27/21 1200

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 04, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on November 01, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92569880001	**MW-67**	Water	11/01/21 10:00	11/01/21 17:30
92569880002	**MW-68**	Water	11/01/21 12:05	11/01/21 17:30
92569880003	**MW-42**	Water	11/01/21 13:25	11/01/21 17:30
92569880004	**MW-66**	Water	11/01/21 15:15	11/01/21 17:30
92569880005	**DUP-2-20211101**	Water	11/01/21 00:00	11/01/21 17:30
92569880006	**TRIP BLANK**	Water	11/01/21 00:00	11/01/21 17:30

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92569880001	**MW-67**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569880002	**MW-68**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569880003	**MW-42**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569880004	**MW-66**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569880005	**DUP-2-20211101**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569880006	**TRIP BLANK**	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: MW-67 **Lab ID: 92569880001** Collected: 11/01/21 10:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 16:30		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 16:30		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 16:30		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 16:30		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/02/21 16:30	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/02/21 16:30	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 19:15	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 13:32	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 13:32	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 13:32	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 13:32	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 13:32	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 13:32	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 13:32	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 13:32	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 13:32	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 13:32	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 13:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 13:32	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 13:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 13:32	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 13:32	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 13:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 13:32	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 13:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 13:32	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 13:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 13:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 13:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 13:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 13:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 13:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 13:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 13:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 13:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 13:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 13:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 13:32	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: MW-67 **Lab ID: 92569880001** Collected: 11/01/21 10:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 13:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 13:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 13:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 13:32	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 13:32	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 13:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 13:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 13:32	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 13:32	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 13:32	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 13:32	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 13:32	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 13:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 13:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 13:32	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 13:32	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 13:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 13:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 13:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 13:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 13:32	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 13:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 13:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 13:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 13:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 13:32	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 13:32	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 13:32	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 13:32	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		11/02/21 13:32	17060-07-0	
4-Bromofluorobenzene (S)	91	%	70-130		1		11/02/21 13:32	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/02/21 13:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: MW-68 **Lab ID: 92569880002** Collected: 11/01/21 12:05 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 16:58		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 16:58		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 16:58		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 16:58		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/02/21 16:58	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/02/21 16:58	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 19:37	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 13:50	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 13:50	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 13:50	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 13:50	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 13:50	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 13:50	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 13:50	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 13:50	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 13:50	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 13:50	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 13:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 13:50	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 13:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 13:50	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 13:50	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 13:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 13:50	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 13:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 13:50	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 13:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 13:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 13:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 13:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 13:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 13:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 13:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 13:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 13:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 13:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 13:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 13:50	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: MW-68 **Lab ID: 92569880002** Collected: 11/01/21 12:05 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 13:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 13:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 13:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 13:50	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 13:50	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 13:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 13:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 13:50	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 13:50	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 13:50	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 13:50	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 13:50	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 13:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 13:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 13:50	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 13:50	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 13:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 13:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 13:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 13:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 13:50	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 13:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 13:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 13:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 13:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 13:50	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 13:50	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 13:50	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 13:50	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		11/02/21 13:50	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/02/21 13:50	460-00-4	
Toluene-d8 (S)	92	%	70-130		1		11/02/21 13:50	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: MW-42 **Lab ID: 92569880003** Collected: 11/01/21 13:25 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 17:26		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 17:26		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 17:26		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 17:26		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/02/21 17:26	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/02/21 17:26	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 19:41	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 15:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 15:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 15:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 15:55	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 15:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 15:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 15:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 15:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 15:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 15:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 15:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 15:55	75-00-3	
Chloroform	**0.85**	ug/L	0.50	0.35	1		11/02/21 15:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 15:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 15:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 15:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 15:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 15:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 15:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 15:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 15:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 15:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 15:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 15:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 15:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 15:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 15:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 15:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 15:55	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: MW-42 **Lab ID: 92569880003** Collected: 11/01/21 13:25 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 15:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 15:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 15:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 15:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 15:55	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 15:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 15:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 15:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 15:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 15:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 15:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:55	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 15:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 15:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 15:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 15:55	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 15:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 15:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 15:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 15:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 15:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 15:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 15:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 15:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 15:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 15:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 15:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 15:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 15:55	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		11/02/21 15:55	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/02/21 15:55	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		11/02/21 15:55	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: MW-66 **Lab ID: 92569880004** Collected: 11/01/21 15:15 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 17:55		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 17:55		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 17:55		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 17:55		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		11/02/21 17:55	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/02/21 17:55	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 19:44	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 16:13	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 16:13	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 16:13	74-97-5	
Bromodichloromethane	**1.4**	ug/L	0.50	0.31	1		11/02/21 16:13	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 16:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 16:13	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 16:13	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 16:13	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 16:13	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 16:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 16:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 16:13	75-00-3	
Chloroform	**5.7**	ug/L	0.50	0.35	1		11/02/21 16:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 16:13	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 16:13	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 16:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 16:13	96-12-8	
Dibromochloromethane	**0.39J**	ug/L	0.50	0.36	1		11/02/21 16:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 16:13	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 16:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 16:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 16:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 16:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 16:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 16:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 16:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 16:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 16:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 16:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 16:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 16:13	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: MW-66 **Lab ID: 92569880004** Collected: 11/01/21 15:15 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 16:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 16:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 16:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 16:13	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 16:13	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 16:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 16:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 16:13	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 16:13	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 16:13	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 16:13	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 16:13	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 16:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 16:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 16:13	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 16:13	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 16:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 16:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 16:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 16:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 16:13	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 16:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 16:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 16:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 16:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 16:13	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 16:13	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 16:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 16:13	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		11/02/21 16:13	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/02/21 16:13	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		11/02/21 16:13	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: DUP-2-20211101 **Lab ID: 92569880005** Collected: 11/01/21 00:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 18:23		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 18:23		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 18:23		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 18:23		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/02/21 18:23	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/02/21 18:23	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 19:47	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 17:07	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 17:07	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 17:07	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 17:07	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 17:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 17:07	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 17:07	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 17:07	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 17:07	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 17:07	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 17:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 17:07	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 17:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 17:07	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 17:07	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 17:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 17:07	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 17:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 17:07	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 17:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 17:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 17:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 17:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 17:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 17:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 17:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 17:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 17:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 17:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 17:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 17:07	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: DUP-2-20211101 **Lab ID: 92569880005** Collected: 11/01/21 00:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 17:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 17:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 17:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 17:07	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 17:07	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 17:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 17:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 17:07	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 17:07	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 17:07	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 17:07	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 17:07	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 17:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 17:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 17:07	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 17:07	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 17:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 17:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 17:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 17:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 17:07	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 17:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 17:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 17:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 17:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 17:07	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 17:07	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 17:07	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 17:07	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		11/02/21 17:07	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/02/21 17:07	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		11/02/21 17:07	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: TRIP BLANK **Lab ID: 92569880006** Collected: 11/01/21 00:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 11:44	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 11:44	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 11:44	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 11:44	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 11:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 11:44	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 11:44	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 11:44	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 11:44	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 11:44	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 11:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 11:44	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 11:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 11:44	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 11:44	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 11:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 11:44	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 11:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 11:44	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 11:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 11:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 11:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 11:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 11:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 11:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 11:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 11:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 11:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 11:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 11:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 11:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 11:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 11:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 11:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 11:44	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 11:44	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 11:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 11:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 11:44	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 11:44	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 11:44	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 11:44	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 11:44	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 11:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 11:44	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Sample: TRIP BLANK **Lab ID: 92569880006** Collected: 11/01/21 00:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 11:44	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 11:44	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 11:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 11:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 11:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 11:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 11:44	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 11:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 11:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 11:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 11:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 11:44	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 11:44	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 11:44	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 11:44	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		11/02/21 11:44	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/02/21 11:44	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		11/02/21 11:44	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

QC Batch: 656895
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569880001, 92569880002, 92569880003, 92569880004, 92569880005

METHOD BLANK: 3443342 Matrix: Water
Associated Lab Samples: 92569880001, 92569880002, 92569880003, 92569880004, 92569880005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/02/21 15:33	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/02/21 15:33	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		11/02/21 15:33	
4-Bromofluorobenzene (PID) (S)	%	97	70-130		11/02/21 15:33	

LABORATORY CONTROL SAMPLE & LCSD: 3443343 3443344

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	277	311	92	104	70-130	12	25	N2
Aromatic (C09-C10)	ug/L	100	98.3	101	98	101	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				96	97	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

QC Batch: 656761 | Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A | Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92569880001, 92569880002, 92569880003, 92569880004, 92569880005

METHOD BLANK: 3442762 Matrix: Water
Associated Lab Samples: 92569880001, 92569880002, 92569880003, 92569880004, 92569880005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/02/21 19:08	

LABORATORY CONTROL SAMPLE: 3442763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3442764 3442765

Parameter	Units	92569880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	469	476	93	95	75-125	1	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

QC Batch: 656882
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569880001, 92569880002, 92569880003, 92569880004, 92569880005, 92569880006

METHOD BLANK: 3443292 Matrix: Water
Associated Lab Samples: 92569880001, 92569880002, 92569880003, 92569880004, 92569880005, 92569880006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/02/21 11:26	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/02/21 11:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/02/21 11:26	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/02/21 11:26	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/02/21 11:26	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/02/21 11:26	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/02/21 11:26	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/02/21 11:26	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/02/21 11:26	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/02/21 11:26	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/02/21 11:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/02/21 11:26	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/02/21 11:26	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/02/21 11:26	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/02/21 11:26	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/02/21 11:26	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/02/21 11:26	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/02/21 11:26	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/02/21 11:26	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/02/21 11:26	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/02/21 11:26	
Benzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
Bromobenzene	ug/L	ND	0.50	0.29	11/02/21 11:26	
Bromochloromethane	ug/L	ND	0.50	0.47	11/02/21 11:26	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/02/21 11:26	
Bromoform	ug/L	ND	0.50	0.34	11/02/21 11:26	
Bromomethane	ug/L	ND	5.0	1.7	11/02/21 11:26	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/02/21 11:26	
Chlorobenzene	ug/L	ND	0.50	0.28	11/02/21 11:26	
Chloroethane	ug/L	ND	1.0	0.65	11/02/21 11:26	
Chloroform	ug/L	ND	0.50	0.35	11/02/21 11:26	
Chloromethane	ug/L	ND	1.0	0.54	11/02/21 11:26	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/02/21 11:26	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/02/21 11:26	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/02/21 11:26	
Dibromomethane	ug/L	ND	0.50	0.39	11/02/21 11:26	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/02/21 11:26	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/02/21 11:26	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

METHOD BLANK: 3443292 Matrix: Water
Associated Lab Samples: 92569880001, 92569880002, 92569880003, 92569880004, 92569880005, 92569880006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/02/21 11:26	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/02/21 11:26	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/02/21 11:26	
m&p-Xylene	ug/L	ND	1.0	0.71	11/02/21 11:26	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/02/21 11:26	
Methylene Chloride	ug/L	ND	2.0	2.0	11/02/21 11:26	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/02/21 11:26	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
Naphthalene	ug/L	ND	2.0	0.64	11/02/21 11:26	
o-Xylene	ug/L	ND	0.50	0.34	11/02/21 11:26	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/02/21 11:26	
Styrene	ug/L	ND	0.50	0.29	11/02/21 11:26	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/02/21 11:26	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/02/21 11:26	
Toluene	ug/L	ND	0.50	0.48	11/02/21 11:26	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/02/21 11:26	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/02/21 11:26	
Trichloroethene	ug/L	ND	0.50	0.38	11/02/21 11:26	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/02/21 11:26	
Vinyl chloride	ug/L	ND	1.0	0.39	11/02/21 11:26	
1,2-Dichloroethane-d4 (S)	%	90	70-130		11/02/21 11:26	
4-Bromofluorobenzene (S)	%	96	70-130		11/02/21 11:26	
Toluene-d8 (S)	%	95	70-130		11/02/21 11:26	

LABORATORY CONTROL SAMPLE: 3443293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	60-140	
1,1,1-Trichloroethane	ug/L	50	48.4	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.5	91	60-140	
1,1,2-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1-Dichloroethane	ug/L	50	43.1	86	60-140	
1,1-Dichloroethene	ug/L	50	39.6	79	60-140	
1,1-Dichloropropene	ug/L	50	45.8	92	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.1	112	60-140	
1,2,3-Trichloropropane	ug/L	50	45.7	91	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.5	115	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.5	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	46.7	93	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.0	104	60-140	
1,2-Dichlorobenzene	ug/L	50	54.1	108	60-140	
1,2-Dichloroethane	ug/L	50	40.1	80	60-140	
1,2-Dichloropropane	ug/L	50	43.8	88	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.1	104	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

LABORATORY CONTROL SAMPLE: 3443293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	54.5	109	60-140	
1,3-Dichloropropane	ug/L	50	48.0	96	60-140	
1,4-Dichlorobenzene	ug/L	50	54.9	110	60-140	
2,2-Dichloropropane	ug/L	50	45.8	92	60-140	
2-Chlorotoluene	ug/L	50	51.2	102	60-140	
4-Chlorotoluene	ug/L	50	48.6	97	60-140	
Benzene	ug/L	50	44.0	88	60-140	
Bromobenzene	ug/L	50	54.4	109	60-140	
Bromochloromethane	ug/L	50	47.6	95	60-140	
Bromodichloromethane	ug/L	50	48.0	96	60-140	
Bromoform	ug/L	50	50.7	101	60-140	
Bromomethane	ug/L	50	47.8	96	60-140	
Carbon tetrachloride	ug/L	50	49.2	98	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	53.3	107	60-140	
Chloroform	ug/L	50	46.5	93	60-140	
Chloromethane	ug/L	50	42.4	85	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.4	85	60-140	
cis-1,3-Dichloropropene	ug/L	50	44.3	89	60-140	
Dibromochloromethane	ug/L	50	53.1	106	60-140	
Dibromomethane	ug/L	50	49.4	99	60-140	
Dichlorodifluoromethane	ug/L	50	60.7	121	60-140	
Diisopropyl ether	ug/L	50	39.2	78	60-140	
Ethylbenzene	ug/L	50	51.1	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	62.7	125	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.4	109	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	40.4	81	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	52.2	104	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	52.2	104	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	51.8	104	60-140	
tert-Butylbenzene	ug/L	50	43.9	88	60-140	
Tetrachloroethene	ug/L	50	52.7	105	60-140	
Toluene	ug/L	50	45.0	90	60-140	
trans-1,2-Dichloroethene	ug/L	50	44.9	90	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.1	88	60-140	
Trichloroethene	ug/L	50	52.0	104	60-140	
Trichlorofluoromethane	ug/L	50	47.1	94	60-140	
Vinyl chloride	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane-d4 (S)	%			82	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443294 3443295

Parameter	Units	92569882004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.1	21.6	110	108	60-140	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.7	22.1	109	111	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.1	18.7	95	94	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.2	19.5	96	98	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	18.8	20.2	94	101	60-140	8	30	
1,1-Dichloroethene	ug/L	ND	20	20	17.4	18.3	87	91	60-140	5	30	
1,1-Dichloropropene	ug/L	ND	20	20	19.7	20.5	99	103	60-140	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.3	21.3	106	107	60-140	0	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.1	16.5	90	83	60-140	9	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.1	22.4	111	112	60-140	1	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.7	20.5	103	102	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.9	17.9	90	89	60-140	0	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.9	20.6	105	103	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.4	20.8	107	104	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.4	18.3	92	91	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.7	19.0	93	95	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.4	20.8	107	104	60-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.6	20.9	108	105	60-140	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	21.0	20.0	105	100	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.8	20.5	104	103	60-140	1	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.8	19.5	99	98	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	21.3	21.4	106	107	60-140	1	30	
4-Chlorotoluene	ug/L	ND	20	20	19.6	19.7	98	98	60-140	0	30	
Benzene	ug/L	ND	20	20	18.8	19.5	94	98	60-140	4	30	
Bromobenzene	ug/L	ND	20	20	22.6	22.5	113	112	60-140	1	30	
Bromochloromethane	ug/L	ND	20	20	21.3	21.1	106	106	60-140	1	30	
Bromodichloromethane	ug/L	ND	20	20	18.8	19.3	94	97	60-140	3	30	
Bromoform	ug/L	ND	20	20	18.6	19.2	93	96	60-140	3	30	
Bromomethane	ug/L	ND	20	20	18.8	21.5	94	107	60-140	13	30	
Carbon tetrachloride	ug/L	ND	20	20	20.6	21.9	103	110	60-140	7	30	
Chlorobenzene	ug/L	ND	20	20	21.1	21.7	106	109	60-140	3	30	
Chloroethane	ug/L	ND	20	20	21.4	20.3	107	102	60-140	5	30	
Chloroform	ug/L	ND	20	20	19.8	20.9	99	105	60-140	6	30	
Chloromethane	ug/L	ND	20	20	17.9	19.0	89	95	60-140	6	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.9	19.9	94	99	60-140	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.3	18.6	92	93	60-140	2	30	
Dibromochloromethane	ug/L	ND	20	20	21.1	20.2	105	101	60-140	4	30	
Dibromomethane	ug/L	ND	20	20	20.5	20.9	103	104	60-140	2	30	
Dichlorodifluoromethane	ug/L	ND	20	20	26.6	28.1	133	141	60-140	5	30	M1
Diisopropyl ether	ug/L	ND	20	20	17.0	17.6	85	88	60-140	4	30	
Ethylbenzene	ug/L	ND	20	20	21.6	21.7	108	109	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.2	25.3	126	126	60-140	0	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.5	22.7	113	114	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	41.4	42.3	104	106	60-140	2	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443294 3443295

Parameter	Units	92569882004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	17.7	18.2	88	91	60-140	3	30	
Methylene Chloride	ug/L	ND	20	20	19.5	19.7	97	98	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	30	
n-Propylbenzene	ug/L	ND	20	20	20.9	20.7	104	103	60-140	1	30	
Naphthalene	ug/L	ND	20	20	18.2	18.9	91	94	60-140	4	30	
o-Xylene	ug/L	ND	20	20	21.2	21.8	106	109	60-140	3	30	
sec-Butylbenzene	ug/L	ND	20	20	21.7	21.7	108	108	60-140	0	30	
Styrene	ug/L	ND	20	20	20.3	20.5	101	102	60-140	1	30	
tert-Butylbenzene	ug/L	ND	20	20	18.2	18.0	91	90	60-140	1	30	
Tetrachloroethene	ug/L	ND	20	20	22.3	22.5	111	113	60-140	1	30	
Toluene	ug/L	ND	20	20	19.9	19.6	99	98	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.1	20.4	101	102	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.2	18.4	91	92	60-140	1	30	
Trichloroethene	ug/L	ND	20	20	22.0	21.5	110	108	60-140	2	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.2	19.0	96	95	60-140	1	30	
Vinyl chloride	ug/L	ND	20	20	22.0	22.3	110	112	60-140	2	30	
1,2-Dichloroethane-d4 (S)	%						92	91	70-130			
4-Bromofluorobenzene (S)	%						100	97	70-130			
Toluene-d8 (S)	%						97	96	70-130			

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569880

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92569880001	**MW-67**	MADEP VPH	656895		
92569880002	**MW-68**	MADEP VPH	656895		
92569880003	**MW-42**	MADEP VPH	656895		
92569880004	**MW-66**	MADEP VPH	656895		
92569880005	**DUP-2-20211101**	MADEP VPH	656895		
92569880001	**MW-67**	EPA 3010A	656761	EPA 6010D	656839
92569880002	**MW-68**	EPA 3010A	656761	EPA 6010D	656839
92569880003	**MW-42**	EPA 3010A	656761	EPA 6010D	656839
92569880004	**MW-66**	EPA 3010A	656761	EPA 6010D	656839
92569880005	**DUP-2-20211101**	EPA 3010A	656761	EPA 6010D	656839
92569880001	**MW-67**	SM 6200B	656882		
92569880002	**MW-68**	SM 6200B	656882		
92569880003	**MW-42**	SM 6200B	656882		
92569880004	**MW-66**	SM 6200B	656882		
92569880005	**DUP-2-20211101**	SM 6200B	656882		
92569880006	**TRIP BLANK**	SM 6200B	656882		

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Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☑ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: AECOM

Project #: WO# : 92569880

92569880

Courier: ☐ Commercial ☐ Fed Ex ☐ Pace ☐ UPS ☐ USPS ☐ Other:____ ☒ Client

Custody Seal Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Date/Initials Person Examining Contents: 11-1-21 JR

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer: ☒ IR Gun ID: 92264 ☒ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 3.4 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 3.4

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☒ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☒ Yes	☐ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☒ No	☐ N/A	10.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Proje

WO# : 92569880

PM: BV Due Date: 11/04/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																8													
2																8													
3																8													
4																8													
5																8													
6																2													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Blue

Pace Analytical®
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Section A
Required Client Information:

Company:	AECOM
Address:	6000 Fairview Road
	Suite 200, Charlotte, NC 28226
Email:	andrew.wreschnig@aecom.com
Phone:	(704)522-0330 Fax
Requested Due Date:	3-Day TAT

Section B
Required Project Information:

Report To:	Andrew Wreschnig
Copy To:	
Purchase Order #:	
Project Name:	CPC Huntersville 60639876
Project #:	

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	bonnie.vang@pacelabs.com,
Pace Profile #:	12518-3

Regulatory Agency

State / Location
NC

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	6200	VPH	Lead; Total	Trip BLANK	DI Water	Residual Chlorine (Y/N)	9286 9880
1	MW-67	WT	G	11/1/21	1000				8			1	7						X	X	X				3-Day TAT Qe1
2	MW-68	WT	G		1205																				Qe2
3	MW-42	WT	G		1325																				Qe3
4	MW-66	WT	G		1515																				Qe4
5	DUP-2-20211101	WT	G		--																				Qe5
6	Trip Blank	Lab Provided							2													X			Qe6
7																									
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3-Day TAT	Mike de Kozlowski / AECOM	11/1/21	1730	MDuPoy HUL	11-1-21	17:30	3.4	Y	N	Y
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mike de Kozlowski

SIGNATURE of SAMPLER: Mike de Kozlowski

DATE Signed: 11/1/21

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 04, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on November 01, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92569881001	**MW-65D**	Water	11/01/21 10:30	11/01/21 17:30
92569881002	**MW-70**	Water	11/01/21 12:10	11/01/21 17:30
92569881003	**MW-64**	Water	11/01/21 10:30	11/01/21 17:30
92569881004	**DUP-1-20211101**	Water	11/01/21 00:00	11/01/21 17:30
92569881005	**MW-65**	Water	11/01/21 12:35	11/01/21 17:30
92569881006	**MW-75**	Water	11/01/21 13:30	11/01/21 17:30
92569881007	**MW-74**	Water	11/01/21 14:10	11/01/21 17:30
92569881008	**EB-1-20211101**	Water	11/01/21 15:00	11/01/21 17:30
92569881009	**FB-1-20211101**	Water	11/01/21 14:45	11/01/21 17:30
92569881010	**TRIP BLANK**	Water	11/01/21 00:00	11/01/21 17:30

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92569881001	**MW-65D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569881002	**MW-70**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569881003	**MW-64**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569881004	**DUP-1-20211101**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569881005	**MW-65**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569881006	**MW-75**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569881007	**MW-74**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569881008	**EB-1-20211101**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569881009	**FB-1-20211101**	MADEP VPH	MAD	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92569881010	**TRIP BLANK**	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-65D **Lab ID: 92569881001** Collected: 11/01/21 10:30 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 18:51		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 18:51		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 18:51		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 18:51		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		11/02/21 18:51	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/02/21 18:51	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 19:50	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 13:14	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 13:14	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 13:14	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 13:14	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 13:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 13:14	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 13:14	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 13:14	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 13:14	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 13:14	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 13:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 13:14	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 13:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 13:14	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 13:14	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 13:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 13:14	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 13:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 13:14	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 13:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 13:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 13:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 13:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 13:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 13:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 13:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 13:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 13:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 13:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 13:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 13:14	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-65D **Lab ID: 92569881001** Collected: 11/01/21 10:30 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 13:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 13:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 13:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 13:14	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 13:14	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 13:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 13:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 13:14	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 13:14	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 13:14	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 13:14	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 13:14	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 13:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 13:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 13:14	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 13:14	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 13:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 13:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 13:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 13:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 13:14	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 13:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 13:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 13:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 13:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 13:14	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 13:14	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 13:14	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 13:14	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		11/02/21 13:14	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/02/21 13:14	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		11/02/21 13:14	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-70 **Lab ID: 92569881002** Collected: 11/01/21 12:10 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 19:20		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 19:20		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 19:20		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 19:20		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		11/02/21 19:20	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/02/21 19:20	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**4.9J**	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 19:53	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 16:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 16:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 16:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 16:31	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 16:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 16:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 16:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 16:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 16:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 16:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 16:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 16:31	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 16:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 16:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 16:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 16:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 16:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 16:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 16:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 16:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 16:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 16:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 16:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 16:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 16:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 16:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 16:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 16:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 16:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 16:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 16:31	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-70 **Lab ID: 92569881002** Collected: 11/01/21 12:10 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 16:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 16:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 16:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 16:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 16:31	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 16:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 16:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 16:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 16:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 16:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 16:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 16:31	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 16:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 16:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 16:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 16:31	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 16:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 16:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 16:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 16:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 16:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 16:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 16:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 16:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 16:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 16:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 16:31	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 16:31	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 16:31	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	87	%	70-130		1		11/02/21 16:31	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/02/21 16:31	460-00-4	
Toluene-d8 (S)	93	%	70-130		1		11/02/21 16:31	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-64 **Lab ID: 92569881003** Collected: 11/01/21 10:30 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 19:48		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 19:48		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 19:48		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 19:48		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		11/02/21 19:48	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1		11/02/21 19:48	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 20:10	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 16:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 16:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 16:49	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 16:49	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 16:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 16:49	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 16:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 16:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 16:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 16:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 16:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 16:49	75-00-3	
Chloroform	**0.71**	ug/L	0.50	0.35	1		11/02/21 16:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 16:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 16:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 16:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 16:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 16:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 16:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 16:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 16:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 16:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 16:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 16:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 16:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 16:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 16:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 16:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 16:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 16:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 16:49	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-64 **Lab ID: 92569881003** Collected: 11/01/21 10:30 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 16:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 16:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 16:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 16:49	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 16:49	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 16:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 16:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 16:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 16:49	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 16:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 16:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 16:49	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 16:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 16:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 16:49	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 16:49	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 16:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 16:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 16:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 16:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 16:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 16:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 16:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 16:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 16:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 16:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 16:49	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 16:49	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 16:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		11/02/21 16:49	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/02/21 16:49	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		11/02/21 16:49	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: DUP-1-20211101 **Lab ID: 92569881004** Collected: 11/01/21 00:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 20:16		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 20:16		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 20:16		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 20:16		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/02/21 20:16	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/02/21 20:16	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 20:13	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 17:25	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 17:25	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 17:25	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 17:25	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 17:25	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 17:25	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 17:25	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 17:25	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 17:25	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 17:25	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 17:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 17:25	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 17:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 17:25	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 17:25	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 17:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 17:25	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 17:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 17:25	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 17:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 17:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 17:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 17:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 17:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 17:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 17:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 17:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 17:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 17:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 17:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 17:25	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: DUP-1-20211101 **Lab ID: 92569881004** Collected: 11/01/21 00:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 17:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 17:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 17:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 17:25	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 17:25	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 17:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 17:25	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 17:25	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 17:25	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 17:25	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 17:25	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 17:25	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 17:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 17:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 17:25	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 17:25	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 17:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 17:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 17:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 17:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 17:25	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 17:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 17:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 17:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 17:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 17:25	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 17:25	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 17:25	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 17:25	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		11/02/21 17:25	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/02/21 17:25	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		11/02/21 17:25	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-65 **Lab ID: 92569881005** Collected: 11/01/21 12:35 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 20:45		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 20:45		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 20:45		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 20:45		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/02/21 20:45	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/02/21 20:45	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**34.5**	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 20:16	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 14:08	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 14:08	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 14:08	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 14:08	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 14:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 14:08	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 14:08	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 14:08	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 14:08	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 14:08	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 14:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 14:08	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 14:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 14:08	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 14:08	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 14:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 14:08	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 14:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 14:08	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 14:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 14:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 14:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 14:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 14:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 14:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 14:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 14:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 14:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 14:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 14:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 14:08	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-65 **Lab ID: 92569881005** Collected: 11/01/21 12:35 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 14:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 14:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 14:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 14:08	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 14:08	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 14:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 14:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 14:08	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 14:08	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 14:08	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 14:08	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 14:08	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 14:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 14:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 14:08	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 14:08	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 14:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 14:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 14:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 14:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 14:08	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 14:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 14:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 14:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 14:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 14:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 14:08	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 14:08	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 14:08	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		11/02/21 14:08	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/02/21 14:08	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		11/02/21 14:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-75 **Lab ID: 92569881006** Collected: 11/01/21 13:30 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 21:13		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 21:13		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 21:13		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 21:13		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/02/21 21:13	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/02/21 21:13	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 20:19	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 03:53	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 03:53	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 03:53	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 03:53	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 03:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 03:53	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 03:53	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 03:53	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 03:53	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 03:53	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 03:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 03:53	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 03:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 03:53	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 03:53	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 03:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 03:53	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 03:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 03:53	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 03:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 03:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 03:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 03:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 03:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 03:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 03:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 03:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 03:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 03:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 03:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 03:53	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-75 **Lab ID: 92569881006** Collected: 11/01/21 13:30 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 03:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 03:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 03:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 03:53	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 03:53	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 03:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 03:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 03:53	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 03:53	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 03:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 03:53	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 03:53	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 03:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 03:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 03:53	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 03:53	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 03:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 03:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 03:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 03:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 03:53	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 03:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 03:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 03:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 03:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 03:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 03:53	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 03:53	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 03:53	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		11/03/21 03:53	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/03/21 03:53	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		11/03/21 03:53	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-74 **Lab ID: 92569881007** Collected: 11/01/21 14:10 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 21:41		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 21:41		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 21:41		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 21:41		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/02/21 21:41	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/02/21 21:41	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 20:22	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 14:44	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 14:44	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 14:44	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 14:44	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 14:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 14:44	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 14:44	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 14:44	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 14:44	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 14:44	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 14:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 14:44	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 14:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 14:44	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 14:44	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 14:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 14:44	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 14:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 14:44	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 14:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 14:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 14:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 14:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 14:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 14:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 14:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 14:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 14:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 14:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 14:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 14:44	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: MW-74 **Lab ID: 92569881007** Collected: 11/01/21 14:10 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 14:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 14:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 14:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 14:44	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 14:44	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 14:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 14:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 14:44	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 14:44	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 14:44	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 14:44	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 14:44	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 14:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 14:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 14:44	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 14:44	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 14:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 14:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 14:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 14:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 14:44	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 14:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 14:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 14:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 14:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 14:44	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 14:44	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 14:44	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 14:44	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		11/02/21 14:44	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/02/21 14:44	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		11/02/21 14:44	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: EB-1-20211101 **Lab ID: 92569881008** Collected: 11/01/21 15:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 22:10		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 22:10		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 22:10		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 22:10		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/02/21 22:10	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/02/21 22:10	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/03/21 19:34	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 12:02	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 12:02	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 12:02	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 12:02	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 12:02	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 12:02	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 12:02	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 12:02	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 12:02	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 12:02	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 12:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 12:02	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 12:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 12:02	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 12:02	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 12:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 12:02	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 12:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 12:02	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 12:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 12:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 12:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 12:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 12:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 12:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 12:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 12:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 12:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 12:02	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: EB-1-20211101 **Lab ID: 92569881008** Collected: 11/01/21 15:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 12:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 12:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 12:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 12:02	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 12:02	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 12:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 12:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 12:02	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 12:02	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 12:02	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 12:02	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:02	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 12:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 12:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 12:02	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 12:02	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 12:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 12:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 12:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 12:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 12:02	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 12:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 12:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 12:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 12:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 12:02	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 12:02	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 12:02	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 12:02	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		11/02/21 12:02	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/02/21 12:02	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		11/02/21 12:02	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: FB-1-20211101 **Lab ID: 92569881009** Collected: 11/01/21 14:45 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 22:38		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 22:38		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 22:38		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 22:38		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/02/21 22:38	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/02/21 22:38	460-00-4	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 12:20	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 12:20	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 12:20	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 12:20	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 12:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 12:20	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 12:20	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 12:20	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 12:20	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 12:20	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 12:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 12:20	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 12:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 12:20	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 12:20	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 12:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 12:20	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 12:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 12:20	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 12:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 12:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 12:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 12:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 12:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 12:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 12:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 12:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 12:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 12:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 12:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 12:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 12:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 12:20	10061-02-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: FB-1-20211101 **Lab ID: 92569881009** Collected: 11/01/21 14:45 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 12:20	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 12:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 12:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 12:20	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 12:20	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 12:20	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 12:20	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:20	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 12:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 12:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 12:20	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 12:20	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 12:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 12:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 12:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 12:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 12:20	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 12:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 12:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 12:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 12:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 12:20	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 12:20	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 12:20	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 12:20	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		11/02/21 12:20	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/02/21 12:20	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		11/02/21 12:20	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: TRIP BLANK **Lab ID: 92569881010** Collected: 11/01/21 00:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 12:38	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 12:38	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 12:38	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 12:38	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 12:38	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 12:38	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 12:38	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 12:38	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 12:38	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 12:38	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 12:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 12:38	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 12:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 12:38	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 12:38	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 12:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 12:38	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 12:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 12:38	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 12:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 12:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 12:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 12:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 12:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 12:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 12:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 12:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 12:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 12:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 12:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 12:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 12:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 12:38	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 12:38	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 12:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 12:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 12:38	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 12:38	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 12:38	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 12:38	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:38	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 12:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 12:38	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Sample: TRIP BLANK **Lab ID: 92569881010** Collected: 11/01/21 00:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 12:38	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 12:38	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 12:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 12:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 12:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 12:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 12:38	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 12:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 12:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 12:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 12:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 12:38	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 12:38	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 12:38	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 12:38	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		11/02/21 12:38	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/02/21 12:38	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		11/02/21 12:38	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

QC Batch: 656895
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569881001, 92569881002, 92569881003, 92569881004, 92569881005, 92569881006, 92569881007, 92569881008, 92569881009

METHOD BLANK: 3443342 Matrix: Water
Associated Lab Samples: 92569881001, 92569881002, 92569881003, 92569881004, 92569881005, 92569881006, 92569881007, 92569881008, 92569881009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/02/21 15:33	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/02/21 15:33	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		11/02/21 15:33	
4-Bromofluorobenzene (PID) (S)	%	97	70-130		11/02/21 15:33	

LABORATORY CONTROL SAMPLE & LCSD: 3443343 3443344

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	277	311	92	104	70-130	12	25	N2
Aromatic (C09-C10)	ug/L	100	98.3	101	98	101	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				96	97	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

QC Batch: 656761 — Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A — Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92569881001, 92569881002, 92569881003, 92569881004, 92569881005, 92569881006, 92569881007, 92569881008

METHOD BLANK: 3442762 — Matrix: Water
Associated Lab Samples: 92569881001, 92569881002, 92569881003, 92569881004, 92569881005, 92569881006, 92569881007, 92569881008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/02/21 19:08	

LABORATORY CONTROL SAMPLE: 3442763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3442764 3442765

Parameter	Units	92569880001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	469	476	93	95	75-125	1	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

QC Batch: 656882
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569881001, 92569881002, 92569881003, 92569881004, 92569881005, 92569881007, 92569881008, 92569881009, 92569881010

METHOD BLANK: 3443292
Matrix: Water
Associated Lab Samples: 92569881001, 92569881002, 92569881003, 92569881004, 92569881005, 92569881007, 92569881008, 92569881009, 92569881010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/02/21 11:26	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/02/21 11:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/02/21 11:26	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/02/21 11:26	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/02/21 11:26	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/02/21 11:26	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/02/21 11:26	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/02/21 11:26	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/02/21 11:26	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/02/21 11:26	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/02/21 11:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/02/21 11:26	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/02/21 11:26	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/02/21 11:26	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/02/21 11:26	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/02/21 11:26	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/02/21 11:26	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/02/21 11:26	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/02/21 11:26	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/02/21 11:26	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/02/21 11:26	
Benzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
Bromobenzene	ug/L	ND	0.50	0.29	11/02/21 11:26	
Bromochloromethane	ug/L	ND	0.50	0.47	11/02/21 11:26	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/02/21 11:26	
Bromoform	ug/L	ND	0.50	0.34	11/02/21 11:26	
Bromomethane	ug/L	ND	5.0	1.7	11/02/21 11:26	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/02/21 11:26	
Chlorobenzene	ug/L	ND	0.50	0.28	11/02/21 11:26	
Chloroethane	ug/L	ND	1.0	0.65	11/02/21 11:26	
Chloroform	ug/L	ND	0.50	0.35	11/02/21 11:26	
Chloromethane	ug/L	ND	1.0	0.54	11/02/21 11:26	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/02/21 11:26	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/02/21 11:26	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/02/21 11:26	
Dibromomethane	ug/L	ND	0.50	0.39	11/02/21 11:26	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/02/21 11:26	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

METHOD BLANK: 3443292 Matrix: Water
Associated Lab Samples: 92569881001, 92569881002, 92569881003, 92569881004, 92569881005, 92569881007, 92569881008, 92569881009, 92569881010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	0.31	11/02/21 11:26	
Ethylbenzene	ug/L	ND	0.50	0.30	11/02/21 11:26	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/02/21 11:26	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/02/21 11:26	
m&p-Xylene	ug/L	ND	1.0	0.71	11/02/21 11:26	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/02/21 11:26	
Methylene Chloride	ug/L	ND	2.0	2.0	11/02/21 11:26	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/02/21 11:26	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
Naphthalene	ug/L	ND	2.0	0.64	11/02/21 11:26	
o-Xylene	ug/L	ND	0.50	0.34	11/02/21 11:26	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/02/21 11:26	
Styrene	ug/L	ND	0.50	0.29	11/02/21 11:26	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/02/21 11:26	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/02/21 11:26	
Toluene	ug/L	ND	0.50	0.48	11/02/21 11:26	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/02/21 11:26	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/02/21 11:26	
Trichloroethene	ug/L	ND	0.50	0.38	11/02/21 11:26	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/02/21 11:26	
Vinyl chloride	ug/L	ND	1.0	0.39	11/02/21 11:26	
1,2-Dichloroethane-d4 (S)	%	90	70-130		11/02/21 11:26	
4-Bromofluorobenzene (S)	%	96	70-130		11/02/21 11:26	
Toluene-d8 (S)	%	95	70-130		11/02/21 11:26	

LABORATORY CONTROL SAMPLE: 3443293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	60-140	
1,1,1-Trichloroethane	ug/L	50	48.4	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.5	91	60-140	
1,1,2-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1-Dichloroethane	ug/L	50	43.1	86	60-140	
1,1-Dichloroethene	ug/L	50	39.6	79	60-140	
1,1-Dichloropropene	ug/L	50	45.8	92	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.1	112	60-140	
1,2,3-Trichloropropane	ug/L	50	45.7	91	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.5	115	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.5	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	46.7	93	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.0	104	60-140	
1,2-Dichlorobenzene	ug/L	50	54.1	108	60-140	
1,2-Dichloroethane	ug/L	50	40.1	80	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

LABORATORY CONTROL SAMPLE: 3443293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	43.8	88	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.1	104	60-140	
1,3-Dichlorobenzene	ug/L	50	54.5	109	60-140	
1,3-Dichloropropane	ug/L	50	48.0	96	60-140	
1,4-Dichlorobenzene	ug/L	50	54.9	110	60-140	
2,2-Dichloropropane	ug/L	50	45.8	92	60-140	
2-Chlorotoluene	ug/L	50	51.2	102	60-140	
4-Chlorotoluene	ug/L	50	48.6	97	60-140	
Benzene	ug/L	50	44.0	88	60-140	
Bromobenzene	ug/L	50	54.4	109	60-140	
Bromochloromethane	ug/L	50	47.6	95	60-140	
Bromodichloromethane	ug/L	50	48.0	96	60-140	
Bromoform	ug/L	50	50.7	101	60-140	
Bromomethane	ug/L	50	47.8	96	60-140	
Carbon tetrachloride	ug/L	50	49.2	98	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	53.3	107	60-140	
Chloroform	ug/L	50	46.5	93	60-140	
Chloromethane	ug/L	50	42.4	85	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.4	85	60-140	
cis-1,3-Dichloropropene	ug/L	50	44.3	89	60-140	
Dibromochloromethane	ug/L	50	53.1	106	60-140	
Dibromomethane	ug/L	50	49.4	99	60-140	
Dichlorodifluoromethane	ug/L	50	60.7	121	60-140	
Diisopropyl ether	ug/L	50	39.2	78	60-140	
Ethylbenzene	ug/L	50	51.1	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	62.7	125	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.4	109	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	40.4	81	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	52.2	104	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	52.2	104	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	51.8	104	60-140	
tert-Butylbenzene	ug/L	50	43.9	88	60-140	
Tetrachloroethene	ug/L	50	52.7	105	60-140	
Toluene	ug/L	50	45.0	90	60-140	
trans-1,2-Dichloroethene	ug/L	50	44.9	90	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.1	88	60-140	
Trichloroethene	ug/L	50	52.0	104	60-140	
Trichlorofluoromethane	ug/L	50	47.1	94	60-140	
Vinyl chloride	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane-d4 (S)	%			82	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

LABORATORY CONTROL SAMPLE: 3443293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443294 3443295

Parameter	Units	92569882004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.1	21.6	110	108	60-140	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.7	22.1	109	111	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.1	18.7	95	94	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.2	19.5	96	98	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	18.8	20.2	94	101	60-140	8	30	
1,1-Dichloroethene	ug/L	ND	20	20	17.4	18.3	87	91	60-140	5	30	
1,1-Dichloropropene	ug/L	ND	20	20	19.7	20.5	99	103	60-140	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.3	21.3	106	107	60-140	0	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.1	16.5	90	83	60-140	9	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.1	22.4	111	112	60-140	1	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.7	20.5	103	102	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.9	17.9	90	89	60-140	0	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.9	20.6	105	103	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.4	20.8	107	104	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.4	18.3	92	91	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.7	19.0	93	95	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.4	20.8	107	104	60-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.6	20.9	108	105	60-140	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	21.0	20.0	105	100	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.8	20.5	104	103	60-140	1	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.8	19.5	99	98	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	21.3	21.4	106	107	60-140	1	30	
4-Chlorotoluene	ug/L	ND	20	20	19.6	19.7	98	98	60-140	0	30	
Benzene	ug/L	ND	20	20	18.8	19.5	94	98	60-140	4	30	
Bromobenzene	ug/L	ND	20	20	22.6	22.5	113	112	60-140	1	30	
Bromochloromethane	ug/L	ND	20	20	21.3	21.1	106	106	60-140	1	30	
Bromodichloromethane	ug/L	ND	20	20	18.8	19.3	94	97	60-140	3	30	
Bromoform	ug/L	ND	20	20	18.6	19.2	93	96	60-140	3	30	
Bromomethane	ug/L	ND	20	20	18.8	21.5	94	107	60-140	13	30	
Carbon tetrachloride	ug/L	ND	20	20	20.6	21.9	103	110	60-140	7	30	
Chlorobenzene	ug/L	ND	20	20	21.1	21.7	106	109	60-140	3	30	
Chloroethane	ug/L	ND	20	20	21.4	20.3	107	102	60-140	5	30	
Chloroform	ug/L	ND	20	20	19.8	20.9	99	105	60-140	6	30	
Chloromethane	ug/L	ND	20	20	17.9	19.0	89	95	60-140	6	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.9	19.9	94	99	60-140	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.3	18.6	92	93	60-140	2	30	
Dibromochloromethane	ug/L	ND	20	20	21.1	20.2	105	101	60-140	4	30	
Dibromomethane	ug/L	ND	20	20	20.5	20.9	103	104	60-140	2	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443294 3443295

Parameter	Units	92569882004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	26.6	28.1	133	141	60-140	5	30	M1
Diisopropyl ether	ug/L	ND	20	20	17.0	17.6	85	88	60-140	4	30	
Ethylbenzene	ug/L	ND	20	20	21.6	21.7	108	109	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.2	25.3	126	126	60-140	0	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.5	22.7	113	114	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	41.4	42.3	104	106	60-140	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.7	18.2	88	91	60-140	3	30	
Methylene Chloride	ug/L	ND	20	20	19.5	19.7	97	98	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	30	
n-Propylbenzene	ug/L	ND	20	20	20.9	20.7	104	103	60-140	1	30	
Naphthalene	ug/L	ND	20	20	18.2	18.9	91	94	60-140	4	30	
o-Xylene	ug/L	ND	20	20	21.2	21.8	106	109	60-140	3	30	
sec-Butylbenzene	ug/L	ND	20	20	21.7	21.7	108	108	60-140	0	30	
Styrene	ug/L	ND	20	20	20.3	20.5	101	102	60-140	1	30	
tert-Butylbenzene	ug/L	ND	20	20	18.2	18.0	91	90	60-140	1	30	
Tetrachloroethene	ug/L	ND	20	20	22.3	22.5	111	113	60-140	1	30	
Toluene	ug/L	ND	20	20	19.9	19.6	99	98	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.1	20.4	101	102	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.2	18.4	91	92	60-140	1	30	
Trichloroethene	ug/L	ND	20	20	22.0	21.5	110	108	60-140	2	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.2	19.0	96	95	60-140	1	30	
Vinyl chloride	ug/L	ND	20	20	22.0	22.3	110	112	60-140	2	30	
1,2-Dichloroethane-d4 (S)	%						92	91	70-130			
4-Bromofluorobenzene (S)	%						100	97	70-130			
Toluene-d8 (S)	%						97	96	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

QC Batch: 656890
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92569881006

METHOD BLANK: 3443309 Matrix: Water
Associated Lab Samples: 92569881006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/02/21 20:42	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/02/21 20:42	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/02/21 20:42	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/02/21 20:42	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/02/21 20:42	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/02/21 20:42	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/02/21 20:42	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/02/21 20:42	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/02/21 20:42	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/02/21 20:42	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/02/21 20:42	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/02/21 20:42	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/02/21 20:42	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/02/21 20:42	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/02/21 20:42	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/02/21 20:42	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/02/21 20:42	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/02/21 20:42	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/02/21 20:42	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/02/21 20:42	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/02/21 20:42	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/02/21 20:42	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/02/21 20:42	
Benzene	ug/L	ND	0.50	0.34	11/02/21 20:42	
Bromobenzene	ug/L	ND	0.50	0.29	11/02/21 20:42	
Bromochloromethane	ug/L	ND	0.50	0.47	11/02/21 20:42	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/02/21 20:42	
Bromoform	ug/L	ND	0.50	0.34	11/02/21 20:42	
Bromomethane	ug/L	ND	5.0	1.7	11/02/21 20:42	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/02/21 20:42	
Chlorobenzene	ug/L	ND	0.50	0.28	11/02/21 20:42	
Chloroethane	ug/L	ND	1.0	0.65	11/02/21 20:42	
Chloroform	ug/L	ND	0.50	0.35	11/02/21 20:42	
Chloromethane	ug/L	ND	1.0	0.54	11/02/21 20:42	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/02/21 20:42	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/02/21 20:42	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/02/21 20:42	
Dibromomethane	ug/L	ND	0.50	0.39	11/02/21 20:42	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/02/21 20:42	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/02/21 20:42	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

METHOD BLANK: 3443309 Matrix: Water
Associated Lab Samples: 92569881006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/02/21 20:42	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/02/21 20:42	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/02/21 20:42	
m&p-Xylene	ug/L	ND	1.0	0.71	11/02/21 20:42	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/02/21 20:42	
Methylene Chloride	ug/L	ND	2.0	2.0	11/02/21 20:42	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/02/21 20:42	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/02/21 20:42	
Naphthalene	ug/L	ND	2.0	0.64	11/02/21 20:42	
o-Xylene	ug/L	ND	0.50	0.34	11/02/21 20:42	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/02/21 20:42	
Styrene	ug/L	ND	0.50	0.29	11/02/21 20:42	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/02/21 20:42	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/02/21 20:42	
Toluene	ug/L	ND	0.50	0.48	11/02/21 20:42	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/02/21 20:42	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/02/21 20:42	
Trichloroethene	ug/L	ND	0.50	0.38	11/02/21 20:42	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/02/21 20:42	
Vinyl chloride	ug/L	ND	1.0	0.39	11/02/21 20:42	
1,2-Dichloroethane-d4 (S)	%	90	70-130		11/02/21 20:42	
4-Bromofluorobenzene (S)	%	92	70-130		11/02/21 20:42	
Toluene-d8 (S)	%	95	70-130		11/02/21 20:42	

LABORATORY CONTROL SAMPLE: 3443310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.6	103	60-140	
1,1,1-Trichloroethane	ug/L	50	46.8	94	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.7	89	60-140	
1,1,2-Trichloroethane	ug/L	50	47.1	94	60-140	
1,1-Dichloroethane	ug/L	50	42.9	86	60-140	
1,1-Dichloroethene	ug/L	50	38.1	76	60-140	
1,1-Dichloropropene	ug/L	50	44.1	88	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.5	107	60-140	
1,2,3-Trichloropropane	ug/L	50	41.3	83	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.5	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.5	99	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	90	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	103	60-140	
1,2-Dichlorobenzene	ug/L	50	53.2	106	60-140	
1,2-Dichloroethane	ug/L	50	41.4	83	60-140	
1,2-Dichloropropane	ug/L	50	43.8	88	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.7	101	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

LABORATORY CONTROL SAMPLE: 3443310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	53.0	106	60-140	
1,3-Dichloropropane	ug/L	50	47.4	95	60-140	
1,4-Dichlorobenzene	ug/L	50	52.1	104	60-140	
2,2-Dichloropropane	ug/L	50	43.9	88	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	47.2	94	60-140	
Benzene	ug/L	50	43.7	87	60-140	
Bromobenzene	ug/L	50	53.8	108	60-140	
Bromochloromethane	ug/L	50	49.5	99	60-140	
Bromodichloromethane	ug/L	50	48.1	96	60-140	
Bromoform	ug/L	50	50.0	100	60-140	
Bromomethane	ug/L	50	48.7	97	60-140	
Carbon tetrachloride	ug/L	50	49.6	99	60-140	
Chlorobenzene	ug/L	50	51.6	103	60-140	
Chloroethane	ug/L	50	53.3	107	60-140	
Chloroform	ug/L	50	44.2	88	60-140	
Chloromethane	ug/L	50	40.1	80	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.4	85	60-140	
cis-1,3-Dichloropropene	ug/L	50	44.4	89	60-140	
Dibromochloromethane	ug/L	50	50.1	100	60-140	
Dibromomethane	ug/L	50	49.9	100	60-140	
Dichlorodifluoromethane	ug/L	50	60.3	121	60-140	
Diisopropyl ether	ug/L	50	38.7	77	60-140	
Ethylbenzene	ug/L	50	50.0	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	61.8	124	60-140	
Isopropylbenzene (Cumene)	ug/L	50	53.6	107	60-140	
m&p-Xylene	ug/L	100	99.4	99	60-140	
Methyl-tert-butyl ether	ug/L	50	40.7	81	60-140	
Methylene Chloride	ug/L	50	45.5	91	60-140	
n-Butylbenzene	ug/L	50	50.5	101	60-140	
n-Propylbenzene	ug/L	50	47.4	95	60-140	
Naphthalene	ug/L	50	49.7	99	60-140	
o-Xylene	ug/L	50	50.7	101	60-140	
sec-Butylbenzene	ug/L	50	50.8	102	60-140	
Styrene	ug/L	50	50.9	102	60-140	
tert-Butylbenzene	ug/L	50	42.2	84	60-140	
Tetrachloroethene	ug/L	50	52.5	105	60-140	
Toluene	ug/L	50	46.3	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	43.8	88	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.5	89	60-140	
Trichloroethene	ug/L	50	50.9	102	60-140	
Trichlorofluoromethane	ug/L	50	44.9	90	60-140	
Vinyl chloride	ug/L	50	46.6	93	60-140	
1,2-Dichloroethane-d4 (S)	%			84	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443311 3443312

Parameter	Units	92569107010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	10000	10000	10800	10800	108	108	60-140	0	30	
1,1,1-Trichloroethane	ug/L	ND	10000	10000	11000	10800	110	108	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	10000	10000	9630	9960	96	100	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	10000	10000	9580	9780	96	98	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	10000	10000	9400	9270	94	93	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	10000	10000	8660	8610	87	86	60-140	1	30	
1,1-Dichloropropene	ug/L	ND	10000	10000	9980	9740	100	97	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	10000	10000	11100	11700	111	117	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	10000	10000	8870	9140	89	91	60-140	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	10000	10000	11100	11800	111	118	60-140	5	30	
1,2,4-Trimethylbenzene	ug/L	4020	10000	10000	14700	14800	107	108	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	10000	10000	9040	9680	90	97	60-140	7	30	
1,2-Dibromoethane (EDB)	ug/L	ND	10000	10000	10700	10500	107	105	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	10000	10000	11000	11100	110	111	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	10000	10000	9030	8700	90	87	60-140	4	30	
1,2-Dichloropropane	ug/L	ND	10000	10000	9360	9430	94	94	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	1010	10000	10000	11500	12000	105	110	60-140	4	30	
1,3-Dichlorobenzene	ug/L	ND	10000	10000	11200	11200	112	112	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	10000	10000	9550	10100	96	101	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	10000	10000	10700	11100	107	111	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	10000	10000	8680	8550	87	86	60-140	2	30	
2-Chlorotoluene	ug/L	ND	10000	10000	11200	10800	112	108	60-140	3	30	
4-Chlorotoluene	ug/L	ND	10000	10000	10100	10300	101	103	60-140	2	30	
Benzene	ug/L	1620	10000	10000	11200	11000	96	94	60-140	2	30	
Bromobenzene	ug/L	ND	10000	10000	11600	11900	116	119	60-140	3	30	
Bromochloromethane	ug/L	ND	10000	10000	10700	10300	107	103	60-140	4	30	
Bromodichloromethane	ug/L	ND	10000	10000	9430	9200	94	92	60-140	2	30	
Bromoform	ug/L	ND	10000	10000	9600	9710	96	97	60-140	1	30	
Bromomethane	ug/L	ND	10000	10000	9110	10800	91	108	60-140	17	30	
Carbon tetrachloride	ug/L	ND	10000	10000	10200	10200	102	102	60-140	0	30	
Chlorobenzene	ug/L	ND	10000	10000	11000	10900	110	109	60-140	1	30	
Chloroethane	ug/L	ND	10000	10000	11100	10400	111	104	60-140	6	30	
Chloroform	ug/L	ND	10000	10000	10000	9360	100	94	60-140	7	30	
Chloromethane	ug/L	ND	10000	10000	9200	9190	92	92	60-140	0	30	
cis-1,2-Dichloroethene	ug/L	ND	10000	10000	9660	9480	97	95	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	10000	10000	8870	8960	89	90	60-140	1	30	
Dibromochloromethane	ug/L	ND	10000	10000	10300	10200	103	102	60-140	2	30	
Dibromomethane	ug/L	ND	10000	10000	10500	10400	105	104	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	10000	10000	12700	13100	127	131	60-140	3	30	
Diisopropyl ether	ug/L	ND	10000	10000	8570	8170	86	82	60-140	5	30	
Ethylbenzene	ug/L	2900	10000	10000	14300	14000	114	111	60-140	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	10000	10000	12200	12600	122	126	60-140	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	10000	10000	11900	11600	119	116	60-140	3	30	
m&p-Xylene	ug/L	10200	20000	20000	32200	32300	110	111	60-140	0	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443311 3443312

Parameter	Units	92569107010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	10000	10000	8970	8730	90	87	60-140	3	30	
Methylene Chloride	ug/L	ND	10000	10000	10200	9780	102	98	60-140	5	30	
n-Butylbenzene	ug/L	ND	10000	10000	10400	10600	104	106	60-140	2	30	
n-Propylbenzene	ug/L	515	10000	10000	10900	10700	104	102	60-140	2	30	
Naphthalene	ug/L	ND	10000	10000	10700	11300	99	105	60-140	5	30	
o-Xylene	ug/L	5300	10000	10000	16600	16600	113	113	60-140	0	30	
sec-Butylbenzene	ug/L	ND	10000	10000	11000	11000	110	110	60-140	0	30	
Styrene	ug/L	ND	10000	10000	8650	10900	87	109	60-140	23	30	
tert-Butylbenzene	ug/L	ND	10000	10000	9100	9100	91	91	60-140	0	30	
Tetrachloroethene	ug/L	ND	10000	10000	11700	11200	117	112	60-140	4	30	
Toluene	ug/L	52400	10000	10000	61200	61800	88	94	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	10000	10000	10000	9900	100	99	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	10000	10000	8890	8900	89	89	60-140	0	30	
Trichloroethene	ug/L	ND	10000	10000	11000	10700	110	107	60-140	2	30	
Trichlorofluoromethane	ug/L	ND	10000	10000	9340	8910	93	89	60-140	5	30	
Vinyl chloride	ug/L	ND	10000	10000	10900	10800	109	108	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						88	86	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						92	96	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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Huntersville, NC 28078
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569881

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92569881001	**MW-65D**	MADEP VPH	656895		
92569881002	**MW-70**	MADEP VPH	656895		
92569881003	**MW-64**	MADEP VPH	656895		
92569881004	**DUP-1-20211101**	MADEP VPH	656895		
92569881005	**MW-65**	MADEP VPH	656895		
92569881006	**MW-75**	MADEP VPH	656895		
92569881007	**MW-74**	MADEP VPH	656895		
92569881008	**EB-1-20211101**	MADEP VPH	656895		
92569881009	**FB-1-20211101**	MADEP VPH	656895		
92569881001	**MW-65D**	EPA 3010A	656761	EPA 6010D	656839
92569881002	**MW-70**	EPA 3010A	656761	EPA 6010D	656839
92569881003	**MW-64**	EPA 3010A	656761	EPA 6010D	656839
92569881004	**DUP-1-20211101**	EPA 3010A	656761	EPA 6010D	656839
92569881005	**MW-65**	EPA 3010A	656761	EPA 6010D	656839
92569881006	**MW-75**	EPA 3010A	656761	EPA 6010D	656839
92569881007	**MW-74**	EPA 3010A	656761	EPA 6010D	656839
92569881008	**EB-1-20211101**	EPA 3010A	656761	EPA 6010D	656839
92569881001	**MW-65D**	SM 6200B	656882		
92569881002	**MW-70**	SM 6200B	656882		
92569881003	**MW-64**	SM 6200B	656882		
92569881004	**DUP-1-20211101**	SM 6200B	656882		
92569881005	**MW-65**	SM 6200B	656882		
92569881006	**MW-75**	SM 6200B	656890		
92569881007	**MW-74**	SM 6200B	656882		
92569881008	**EB-1-20211101**	SM 6200B	656882		
92569881009	**FB-1-20211101**	SM 6200B	656882		
92569881010	**TRIP BLANK**	SM 6200B	656882		

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: AECOM

Project #: WO# : 92569881

92569881

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Date/Initials Person Examining Contents: 11-1-21 R

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer: ☒ IR Gun ID: 92764 ☒ Wet ☐ Blue ☐ None **Type of Ice:**

Cooler Temp: 2.7 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 2.7

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☒ Yes	☐ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	☒ Yes	☐ No	☐ N/A	9.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☒ No	☐ N/A	10.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: BV **Date:** 10/2/21

Project Manager SRF Review: BV **Date:** 11/2/21

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project

WO# : 92569881

PM: BV Due Date: 11/04/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2						1										7													
3						1										7													
4						1										7													
5						1										7													
6						1										7													
7						1										7													
8						1										7													
9																7													
10																2													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Rcd

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Page : 1 Of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: AECOM	Report To: Andrew Wreschnig	Attention:
Address: 6000 Fairview Road	Copy To:	Company Name:
Suite 200, Charlotte, NC 28226		Address:
Email: andrew.wreschnig@aecom.com	Purchase Order #:	Pace Quote:
Phone: (704)522-0330 Fax	Project Name: CPC Huntersville 60639876	Pace Project Manager: bonnie.vang@pacelabs.com,
Requested Due Date: 3-Day TAT	Project #:	Pace Profile #: 12518-3

Regulatory Agency	
State / Location	NC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analyses Test: 6200	VPH	Lead; Total	Trip BLANK	DI Water	Residual Chlorine (Y/N)	21693881
1	MW-65D	WT	G	11/1/21	1030				8			1	7						X	X	X				3-Day TAT 01
2	MW-70	WT	G		1210																				02
3	MW-64	WT	G		1030																				03
4	DUP-1-20211101	WT	G		--																				04
5	MW-65	WT	G		1235																				05
6	MW-75	WT	G		1330																				06
7	MW-74	WT	G		1410																				07
8	EB-1-20211101	WT	G		1500																				08
9	FB-1-20211101	WT	G		1445				7				7						X	X					09
10	Trip Blank	Lab	Provided						2													X			10
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3-Day TAT	Mike de Kozlowski / AECOM	11/1/21	1730	MDG Pac #1 V	11-1-21	1730	2.7	Y	N	Y

SAMPLER NAME AND SIGNATURE			TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Mike de Kozlowski					
SIGNATURE of SAMPLER:	Mike de Kozlowski	DATE Signed: 11/1/21				

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 05, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on November 01, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92569882001	**MW-86**	Water	11/01/21 10:05	11/01/21 17:30
92569882002	**MW-14**	Water	11/01/21 10:20	11/01/21 17:30
92569882003	**MW-73**	Water	11/01/21 11:15	11/01/21 17:30
92569882004	**MW-51**	Water	11/01/21 12:10	11/01/21 17:30
92569882005	**MW-76**	Water	11/01/21 13:05	11/01/21 17:30
92569882006	**MW-45**	Water	11/01/21 14:45	11/01/21 17:30
92569882007	**MW-08**	Water	11/01/21 14:35	11/01/21 17:30
92569882008	**EB-2-20211101**	Water	11/01/21 15:25	11/01/21 17:30
92569882009	**FB-2-20211101**	Water	11/01/21 15:15	11/01/21 17:30
92569882010	**TRIP BLANK**	Water	11/01/21 00:00	11/01/21 17:30
92569882011	**MW-13**	Water	11/01/21 15:50	11/01/21 17:30
92569882012	**MW-49**	Water	11/01/21 17:05	11/01/21 17:30

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92569882001	**MW-86**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569882002	**MW-14**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569882003	**MW-73**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569882004	**MW-51**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569882005	**MW-76**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569882006	**MW-45**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569882007	**MW-08**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569882008	**EB-2-20211101**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569882009	**FB-2-20211101**	MADEP VPH	MAD	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92569882010	**TRIP BLANK**	SM 6200B	SAS	63	PASI-C
92569882011	**MW-13**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92569882012	**MW-49**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-86 **Lab ID: 92569882001** Collected: 11/01/21 10:05 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 23:06		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 23:06		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 23:06		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 23:06		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/02/21 23:06	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/02/21 23:06	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**19.8**	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 18:20	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 15:01	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 15:01	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 15:01	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 15:01	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 15:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 15:01	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 15:01	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 15:01	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 15:01	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 15:01	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 15:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 15:01	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 15:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 15:01	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 15:01	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 15:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 15:01	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 15:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 15:01	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 15:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 15:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 15:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 15:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 15:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 15:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 15:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 15:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 15:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 15:01	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-86 **Lab ID: 92569882001** Collected: 11/01/21 10:05 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 15:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 15:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 15:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 15:01	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 15:01	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 15:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 15:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 15:01	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 15:01	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 15:01	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 15:01	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:01	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 15:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 15:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 15:01	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 15:01	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 15:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 15:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 15:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 15:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 15:01	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 15:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 15:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 15:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 15:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 15:01	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 15:01	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 15:01	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 15:01	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		11/02/21 15:01	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/02/21 15:01	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		11/02/21 15:01	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-14 **Lab ID: 92569882002** Collected: 11/01/21 10:20 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/02/21 23:34		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/02/21 23:34		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/02/21 23:34		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/02/21 23:34		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		11/02/21 23:34	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/02/21 23:34	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 18:33	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 15:19	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 15:19	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 15:19	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 15:19	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 15:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 15:19	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 15:19	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 15:19	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 15:19	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 15:19	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 15:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 15:19	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 15:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 15:19	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 15:19	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 15:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 15:19	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 15:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 15:19	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 15:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 15:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 15:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 15:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 15:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 15:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 15:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 15:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 15:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 15:19	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-14 **Lab ID: 92569882002** Collected: 11/01/21 10:20 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 15:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 15:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 15:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 15:19	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 15:19	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 15:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 15:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 15:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 15:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 15:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 15:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:19	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 15:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 15:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 15:19	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 15:19	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 15:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 15:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 15:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 15:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 15:19	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 15:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 15:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 15:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 15:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 15:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 15:19	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 15:19	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 15:19	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		11/02/21 15:19	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/02/21 15:19	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		11/02/21 15:19	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-73 **Lab ID: 92569882003** Collected: 11/01/21 11:15 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/03/21 00:03		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/03/21 00:03		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/03/21 00:03		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/03/21 00:03		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/03/21 00:03	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/03/21 00:03	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**16.4**	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 18:36	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 15:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 15:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 15:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 15:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 15:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 15:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 15:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 15:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 15:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 15:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 15:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 15:37	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 15:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 15:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 15:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 15:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 15:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 15:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 15:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 15:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 15:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 15:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 15:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 15:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 15:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 15:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 15:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 15:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 15:37	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-73 **Lab ID: 92569882003** Collected: 11/01/21 11:15 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 15:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 15:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 15:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 15:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 15:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 15:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 15:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 15:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 15:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 15:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 15:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 15:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 15:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 15:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 15:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 15:37	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 15:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 15:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 15:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 15:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 15:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 15:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 15:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 15:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 15:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 15:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 15:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 15:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 15:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		11/02/21 15:37	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/02/21 15:37	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		11/02/21 15:37	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-51 **Lab ID: 92569882004** Collected: 11/01/21 12:10 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/03/21 00:33		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/03/21 00:33		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/03/21 00:33		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/03/21 00:33		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	88	%	70-130		1		11/03/21 00:33	460-00-4	
4-Bromofluorobenzene (PID) (S)	85	%	70-130		1		11/03/21 00:33	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**5.1**	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 18:46	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 12:56	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 12:56	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 12:56	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 12:56	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 12:56	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 12:56	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 12:56	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 12:56	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 12:56	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 12:56	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 12:56	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 12:56	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 12:56	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 12:56	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 12:56	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 12:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 12:56	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 12:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 12:56	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 12:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 12:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 12:56	75-71-8	M1
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 12:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 12:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 12:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 12:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 12:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 12:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 12:56	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-51 **Lab ID: 92569882004** Collected: 11/01/21 12:10 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 12:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 12:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 12:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 12:56	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 12:56	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 12:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 12:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 12:56	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 12:56	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 12:56	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 12:56	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 12:56	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 12:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 12:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 12:56	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 12:56	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 12:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 12:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 12:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 12:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 12:56	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 12:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 12:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 12:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 12:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 12:56	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 12:56	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 12:56	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 12:56	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		11/02/21 12:56	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/02/21 12:56	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		11/02/21 12:56	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-76 **Lab ID: 92569882005** Collected: 11/01/21 13:05 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/03/21 01:02		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/03/21 01:02		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/03/21 01:02		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/03/21 01:02		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		11/03/21 01:02	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/03/21 01:02	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 18:49	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 21:54	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 21:54	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 21:54	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 21:54	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 21:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 21:54	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 21:54	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 21:54	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 21:54	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 21:54	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 21:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 21:54	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 21:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 21:54	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 21:54	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 21:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 21:54	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 21:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 21:54	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 21:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 21:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 21:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 21:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 21:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 21:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 21:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 21:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 21:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 21:54	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-76 **Lab ID: 92569882005** Collected: 11/01/21 13:05 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 21:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 21:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 21:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 21:54	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 21:54	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 21:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 21:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 21:54	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 21:54	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 21:54	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 21:54	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:54	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 21:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 21:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 21:54	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 21:54	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 21:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 21:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 21:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 21:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 21:54	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 21:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 21:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 21:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 21:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 21:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 21:54	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 21:54	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 21:54	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	87	%	70-130		1		11/02/21 21:54	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/02/21 21:54	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		11/02/21 21:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-45 **Lab ID: 92569882006** Collected: 11/01/21 14:45 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/03/21 01:30		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/03/21 01:30		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/03/21 01:30		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/03/21 01:30		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		11/03/21 01:30	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/03/21 01:30	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**5.1**	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 18:52	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 14:26	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 14:26	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 14:26	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 14:26	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 14:26	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 14:26	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 14:26	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 14:26	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 14:26	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 14:26	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 14:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 14:26	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 14:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 14:26	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 14:26	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 14:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 14:26	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 14:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 14:26	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 14:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 14:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 14:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 14:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 14:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 14:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 14:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 14:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 14:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 14:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 14:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 14:26	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-45 **Lab ID: 92569882006** Collected: 11/01/21 14:45 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 14:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 14:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 14:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 14:26	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 14:26	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 14:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 14:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 14:26	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 14:26	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 14:26	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 14:26	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 14:26	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 14:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 14:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 14:26	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 14:26	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 14:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 14:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 14:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 14:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 14:26	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 14:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 14:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 14:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 14:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 14:26	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 14:26	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 14:26	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 14:26	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		11/02/21 14:26	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/02/21 14:26	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		11/02/21 14:26	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-08 **Lab ID: 92569882007** Collected: 11/01/21 14:35 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 18:21		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 18:21		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 18:21		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 18:21		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/04/21 18:21	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/04/21 18:21	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 18:55	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 22:12	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 22:12	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 22:12	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 22:12	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 22:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 22:12	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 22:12	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 22:12	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 22:12	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 22:12	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 22:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 22:12	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 22:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 22:12	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 22:12	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 22:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 22:12	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 22:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 22:12	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 22:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 22:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 22:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 22:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 22:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 22:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 22:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 22:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 22:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 22:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 22:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 22:12	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-08 **Lab ID: 92569882007** Collected: 11/01/21 14:35 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 22:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 22:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 22:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 22:12	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 22:12	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 22:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 22:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 22:12	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 22:12	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 22:12	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 22:12	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 22:12	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 22:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 22:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 22:12	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 22:12	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 22:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 22:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 22:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 22:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 22:12	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 22:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 22:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 22:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 22:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 22:12	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 22:12	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 22:12	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 22:12	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		11/02/21 22:12	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/02/21 22:12	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		11/02/21 22:12	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: EB-2-20211101 **Lab ID: 92569882008** Collected: 11/01/21 15:25 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 18:49		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 18:49		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 18:49		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 18:49		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/04/21 18:49	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/04/21 18:49	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 18:58	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 21:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 21:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 21:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 21:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 21:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 21:00	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 21:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 21:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 21:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 21:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 21:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 21:00	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 21:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 21:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 21:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 21:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 21:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 21:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 21:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 21:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 21:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 21:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 21:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 21:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 21:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 21:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 21:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 21:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 21:00	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: EB-2-20211101 **Lab ID: 92569882008** Collected: 11/01/21 15:25 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 21:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 21:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 21:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 21:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 21:00	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 21:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 21:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 21:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 21:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 21:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 21:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 21:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 21:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 21:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 21:00	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 21:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 21:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 21:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 21:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 21:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 21:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 21:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 21:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 21:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 21:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 21:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 21:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 21:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		11/02/21 21:00	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/02/21 21:00	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		11/02/21 21:00	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: FB-2-20211101 **Lab ID: 92569882009** Collected: 11/01/21 15:15 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 19:18		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 19:18		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 19:18		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 19:18		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/04/21 19:18	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/04/21 19:18	460-00-4	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 21:18	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 21:18	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 21:18	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 21:18	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 21:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 21:18	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 21:18	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 21:18	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 21:18	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 21:18	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 21:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 21:18	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 21:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 21:18	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 21:18	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 21:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 21:18	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 21:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 21:18	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 21:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 21:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 21:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 21:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 21:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 21:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 21:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 21:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 21:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 21:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 21:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 21:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 21:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 21:18	10061-02-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: FB-2-20211101 **Lab ID: 92569882009** Collected: 11/01/21 15:15 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 21:18	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 21:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 21:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 21:18	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 21:18	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 21:18	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 21:18	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:18	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 21:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 21:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 21:18	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 21:18	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 21:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 21:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 21:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 21:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 21:18	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 21:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 21:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 21:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 21:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 21:18	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 21:18	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 21:18	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 21:18	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		11/02/21 21:18	17060-07-0	
4-Bromofluorobenzene (S)	91	%	70-130		1		11/02/21 21:18	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		11/02/21 21:18	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: TRIP BLANK **Lab ID: 92569882010** Collected: 11/01/21 00:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 21:36	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 21:36	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 21:36	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 21:36	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 21:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 21:36	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 21:36	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 21:36	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 21:36	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 21:36	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 21:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 21:36	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 21:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 21:36	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 21:36	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 21:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 21:36	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 21:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 21:36	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 21:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 21:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 21:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 21:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 21:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 21:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 21:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 21:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 21:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 21:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 21:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 21:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 21:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 21:36	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 21:36	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 21:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 21:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 21:36	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 21:36	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 21:36	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 21:36	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 21:36	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 21:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 21:36	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: TRIP BLANK **Lab ID: 92569882010** Collected: 11/01/21 00:00 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 21:36	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 21:36	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 21:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 21:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 21:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 21:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 21:36	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 21:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 21:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 21:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 21:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 21:36	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 21:36	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 21:36	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 21:36	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		11/02/21 21:36	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/02/21 21:36	460-00-4	
Toluene-d8 (S)	93	%	70-130		1		11/02/21 21:36	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-13 **Lab ID: 92569882011** Collected: 11/01/21 15:50 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 19:46		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 19:46		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 19:46		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 19:46		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/04/21 19:46	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/04/21 19:46	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**7.7**	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 19:02	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 22:30	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 22:30	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 22:30	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 22:30	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 22:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 22:30	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 22:30	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 22:30	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 22:30	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 22:30	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 22:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 22:30	75-00-3	
Chloroform	**0.51**	ug/L	0.50	0.35	1		11/02/21 22:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 22:30	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 22:30	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 22:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 22:30	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 22:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 22:30	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 22:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 22:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 22:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 22:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 22:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 22:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 22:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 22:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 22:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 22:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 22:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 22:30	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-13 **Lab ID: 92569882011** Collected: 11/01/21 15:50 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 22:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 22:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 22:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 22:30	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 22:30	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 22:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 22:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 22:30	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 22:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 22:30	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 22:30	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 22:30	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 22:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 22:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 22:30	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 22:30	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 22:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 22:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 22:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 22:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 22:30	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 22:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 22:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 22:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 22:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 22:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 22:30	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 22:30	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 22:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		11/02/21 22:30	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/02/21 22:30	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		11/02/21 22:30	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-49 **Lab ID: 92569882012** Collected: 11/01/21 17:05 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 20:14		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 20:14		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 20:14		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 20:14		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		11/04/21 20:14	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		11/04/21 20:14	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/02/21 09:02	11/02/21 19:05	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/02/21 22:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/02/21 22:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/02/21 22:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/02/21 22:48	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/02/21 22:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/02/21 22:48	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/02/21 22:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/02/21 22:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/02/21 22:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/02/21 22:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/02/21 22:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/02/21 22:48	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/02/21 22:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/02/21 22:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 22:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/02/21 22:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/02/21 22:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/02/21 22:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/02/21 22:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/02/21 22:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 22:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/02/21 22:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/02/21 22:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/02/21 22:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/02/21 22:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 22:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/02/21 22:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 22:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/02/21 22:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/02/21 22:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/02/21 22:48	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Sample: MW-49 **Lab ID: 92569882012** Collected: 11/01/21 17:05 Received: 11/01/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/02/21 22:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/02/21 22:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 22:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/02/21 22:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/02/21 22:48	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/02/21 22:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/02/21 22:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/02/21 22:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/02/21 22:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/02/21 22:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/02/21 22:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/02/21 22:48	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/02/21 22:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/02/21 22:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/02/21 22:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/02/21 22:48	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/02/21 22:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/02/21 22:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/02/21 22:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/02/21 22:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/02/21 22:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/02/21 22:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/02/21 22:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/02/21 22:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/02/21 22:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/02/21 22:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/02/21 22:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/02/21 22:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/02/21 22:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		11/02/21 22:48	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/02/21 22:48	460-00-4	
Toluene-d8 (S)	93	%	70-130		1		11/02/21 22:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

QC Batch: 656895 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569882001, 92569882002, 92569882003, 92569882004, 92569882005, 92569882006

METHOD BLANK: 3443342 Matrix: Water
Associated Lab Samples: 92569882001, 92569882002, 92569882003, 92569882004, 92569882005, 92569882006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/02/21 15:33	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/02/21 15:33	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		11/02/21 15:33	
4-Bromofluorobenzene (PID) (S)	%	97	70-130		11/02/21 15:33	

LABORATORY CONTROL SAMPLE & LCSD: 3443343 3443344

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	277	311	92	104	70-130	12	25	N2
Aromatic (C09-C10)	ug/L	100	98.3	101	98	101	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				96	97	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

QC Batch: 657657 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569882007, 92569882008, 92569882009, 92569882011, 92569882012

METHOD BLANK: 3447475 Matrix: Water
Associated Lab Samples: 92569882007, 92569882008, 92569882009, 92569882011, 92569882012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/04/21 17:24	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/04/21 17:24	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		11/04/21 17:24	
4-Bromofluorobenzene (PID) (S)	%	98	70-130		11/04/21 17:24	

LABORATORY CONTROL SAMPLE & LCSD: 3447476 3447477

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	274	290	91	97	70-130	6	25	N2
Aromatic (C09-C10)	ug/L	100	105	98.3	105	98	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	99	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	90	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

QC Batch: 656762 | Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A | Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92569882001, 92569882002, 92569882003, 92569882004, 92569882005, 92569882006, 92569882007, 92569882008, 92569882011, 92569882012

METHOD BLANK: 3442766 Matrix: Water
Associated Lab Samples: 92569882001, 92569882002, 92569882003, 92569882004, 92569882005, 92569882006, 92569882007, 92569882008, 92569882011, 92569882012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/02/21 18:13	

LABORATORY CONTROL SAMPLE: 3442767

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	474	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3442768 3442769

Parameter	Units	92569882001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	19.8	500	500	485	482	93	92	75-125	1	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

QC Batch: 656882
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569882001, 92569882002, 92569882003, 92569882004, 92569882006

METHOD BLANK: 3443292 Matrix: Water
Associated Lab Samples: 92569882001, 92569882002, 92569882003, 92569882004, 92569882006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/02/21 11:26	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/02/21 11:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/02/21 11:26	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/02/21 11:26	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/02/21 11:26	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/02/21 11:26	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/02/21 11:26	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/02/21 11:26	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/02/21 11:26	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/02/21 11:26	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/02/21 11:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/02/21 11:26	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/02/21 11:26	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/02/21 11:26	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/02/21 11:26	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/02/21 11:26	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/02/21 11:26	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/02/21 11:26	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/02/21 11:26	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/02/21 11:26	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/02/21 11:26	
Benzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
Bromobenzene	ug/L	ND	0.50	0.29	11/02/21 11:26	
Bromochloromethane	ug/L	ND	0.50	0.47	11/02/21 11:26	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/02/21 11:26	
Bromoform	ug/L	ND	0.50	0.34	11/02/21 11:26	
Bromomethane	ug/L	ND	5.0	1.7	11/02/21 11:26	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/02/21 11:26	
Chlorobenzene	ug/L	ND	0.50	0.28	11/02/21 11:26	
Chloroethane	ug/L	ND	1.0	0.65	11/02/21 11:26	
Chloroform	ug/L	ND	0.50	0.35	11/02/21 11:26	
Chloromethane	ug/L	ND	1.0	0.54	11/02/21 11:26	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/02/21 11:26	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/02/21 11:26	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/02/21 11:26	
Dibromomethane	ug/L	ND	0.50	0.39	11/02/21 11:26	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/02/21 11:26	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/02/21 11:26	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

METHOD BLANK: 3443292 Matrix: Water
Associated Lab Samples: 92569882001, 92569882002, 92569882003, 92569882004, 92569882006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/02/21 11:26	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/02/21 11:26	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/02/21 11:26	
m&p-Xylene	ug/L	ND	1.0	0.71	11/02/21 11:26	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/02/21 11:26	
Methylene Chloride	ug/L	ND	2.0	2.0	11/02/21 11:26	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/02/21 11:26	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/02/21 11:26	
Naphthalene	ug/L	ND	2.0	0.64	11/02/21 11:26	
o-Xylene	ug/L	ND	0.50	0.34	11/02/21 11:26	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/02/21 11:26	
Styrene	ug/L	ND	0.50	0.29	11/02/21 11:26	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/02/21 11:26	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/02/21 11:26	
Toluene	ug/L	ND	0.50	0.48	11/02/21 11:26	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/02/21 11:26	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/02/21 11:26	
Trichloroethene	ug/L	ND	0.50	0.38	11/02/21 11:26	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/02/21 11:26	
Vinyl chloride	ug/L	ND	1.0	0.39	11/02/21 11:26	
1,2-Dichloroethane-d4 (S)	%	90	70-130		11/02/21 11:26	
4-Bromofluorobenzene (S)	%	96	70-130		11/02/21 11:26	
Toluene-d8 (S)	%	95	70-130		11/02/21 11:26	

LABORATORY CONTROL SAMPLE: 3443293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	60-140	
1,1,1-Trichloroethane	ug/L	50	48.4	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.5	91	60-140	
1,1,2-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1-Dichloroethane	ug/L	50	43.1	86	60-140	
1,1-Dichloroethene	ug/L	50	39.6	79	60-140	
1,1-Dichloropropene	ug/L	50	45.8	92	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.1	112	60-140	
1,2,3-Trichloropropane	ug/L	50	45.7	91	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.5	115	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.5	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	46.7	93	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.0	104	60-140	
1,2-Dichlorobenzene	ug/L	50	54.1	108	60-140	
1,2-Dichloroethane	ug/L	50	40.1	80	60-140	
1,2-Dichloropropane	ug/L	50	43.8	88	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.1	104	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

LABORATORY CONTROL SAMPLE: 3443293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	54.5	109	60-140	
1,3-Dichloropropane	ug/L	50	48.0	96	60-140	
1,4-Dichlorobenzene	ug/L	50	54.9	110	60-140	
2,2-Dichloropropane	ug/L	50	45.8	92	60-140	
2-Chlorotoluene	ug/L	50	51.2	102	60-140	
4-Chlorotoluene	ug/L	50	48.6	97	60-140	
Benzene	ug/L	50	44.0	88	60-140	
Bromobenzene	ug/L	50	54.4	109	60-140	
Bromochloromethane	ug/L	50	47.6	95	60-140	
Bromodichloromethane	ug/L	50	48.0	96	60-140	
Bromoform	ug/L	50	50.7	101	60-140	
Bromomethane	ug/L	50	47.8	96	60-140	
Carbon tetrachloride	ug/L	50	49.2	98	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	53.3	107	60-140	
Chloroform	ug/L	50	46.5	93	60-140	
Chloromethane	ug/L	50	42.4	85	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.4	85	60-140	
cis-1,3-Dichloropropene	ug/L	50	44.3	89	60-140	
Dibromochloromethane	ug/L	50	53.1	106	60-140	
Dibromomethane	ug/L	50	49.4	99	60-140	
Dichlorodifluoromethane	ug/L	50	60.7	121	60-140	
Diisopropyl ether	ug/L	50	39.2	78	60-140	
Ethylbenzene	ug/L	50	51.1	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	62.7	125	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.4	109	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	40.4	81	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	52.2	104	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	52.2	104	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	51.8	104	60-140	
tert-Butylbenzene	ug/L	50	43.9	88	60-140	
Tetrachloroethene	ug/L	50	52.7	105	60-140	
Toluene	ug/L	50	45.0	90	60-140	
trans-1,2-Dichloroethene	ug/L	50	44.9	90	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.1	88	60-140	
Trichloroethene	ug/L	50	52.0	104	60-140	
Trichlorofluoromethane	ug/L	50	47.1	94	60-140	
Vinyl chloride	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane-d4 (S)	%			82	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443294 3443295

Parameter	Units	92569882004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.1	21.6	110	108	60-140	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.7	22.1	109	111	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.1	18.7	95	94	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.2	19.5	96	98	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	18.8	20.2	94	101	60-140	8	30	
1,1-Dichloroethene	ug/L	ND	20	20	17.4	18.3	87	91	60-140	5	30	
1,1-Dichloropropene	ug/L	ND	20	20	19.7	20.5	99	103	60-140	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.3	21.3	106	107	60-140	0	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.1	16.5	90	83	60-140	9	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.1	22.4	111	112	60-140	1	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.7	20.5	103	102	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.9	17.9	90	89	60-140	0	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.9	20.6	105	103	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.4	20.8	107	104	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.4	18.3	92	91	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.7	19.0	93	95	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.4	20.8	107	104	60-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.6	20.9	108	105	60-140	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	21.0	20.0	105	100	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.8	20.5	104	103	60-140	1	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.8	19.5	99	98	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	21.3	21.4	106	107	60-140	1	30	
4-Chlorotoluene	ug/L	ND	20	20	19.6	19.7	98	98	60-140	0	30	
Benzene	ug/L	ND	20	20	18.8	19.5	94	98	60-140	4	30	
Bromobenzene	ug/L	ND	20	20	22.6	22.5	113	112	60-140	1	30	
Bromochloromethane	ug/L	ND	20	20	21.3	21.1	106	106	60-140	1	30	
Bromodichloromethane	ug/L	ND	20	20	18.8	19.3	94	97	60-140	3	30	
Bromoform	ug/L	ND	20	20	18.6	19.2	93	96	60-140	3	30	
Bromomethane	ug/L	ND	20	20	18.8	21.5	94	107	60-140	13	30	
Carbon tetrachloride	ug/L	ND	20	20	20.6	21.9	103	110	60-140	7	30	
Chlorobenzene	ug/L	ND	20	20	21.1	21.7	106	109	60-140	3	30	
Chloroethane	ug/L	ND	20	20	21.4	20.3	107	102	60-140	5	30	
Chloroform	ug/L	ND	20	20	19.8	20.9	99	105	60-140	6	30	
Chloromethane	ug/L	ND	20	20	17.9	19.0	89	95	60-140	6	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.9	19.9	94	99	60-140	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.3	18.6	92	93	60-140	2	30	
Dibromochloromethane	ug/L	ND	20	20	21.1	20.2	105	101	60-140	4	30	
Dibromomethane	ug/L	ND	20	20	20.5	20.9	103	104	60-140	2	30	
Dichlorodifluoromethane	ug/L	ND	20	20	26.6	28.1	133	141	60-140	5	30	M1
Diisopropyl ether	ug/L	ND	20	20	17.0	17.6	85	88	60-140	4	30	
Ethylbenzene	ug/L	ND	20	20	21.6	21.7	108	109	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.2	25.3	126	126	60-140	0	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.5	22.7	113	114	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	41.4	42.3	104	106	60-140	2	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443294 3443295

Parameter	Units	92569882004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	17.7	18.2	88	91	60-140	3	30	
Methylene Chloride	ug/L	ND	20	20	19.5	19.7	97	98	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	30	
n-Propylbenzene	ug/L	ND	20	20	20.9	20.7	104	103	60-140	1	30	
Naphthalene	ug/L	ND	20	20	18.2	18.9	91	94	60-140	4	30	
o-Xylene	ug/L	ND	20	20	21.2	21.8	106	109	60-140	3	30	
sec-Butylbenzene	ug/L	ND	20	20	21.7	21.7	108	108	60-140	0	30	
Styrene	ug/L	ND	20	20	20.3	20.5	101	102	60-140	1	30	
tert-Butylbenzene	ug/L	ND	20	20	18.2	18.0	91	90	60-140	1	30	
Tetrachloroethene	ug/L	ND	20	20	22.3	22.5	111	113	60-140	1	30	
Toluene	ug/L	ND	20	20	19.9	19.6	99	98	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.1	20.4	101	102	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.2	18.4	91	92	60-140	1	30	
Trichloroethene	ug/L	ND	20	20	22.0	21.5	110	108	60-140	2	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.2	19.0	96	95	60-140	1	30	
Vinyl chloride	ug/L	ND	20	20	22.0	22.3	110	112	60-140	2	30	
1,2-Dichloroethane-d4 (S)	%						92	91	70-130			
4-Bromofluorobenzene (S)	%						100	97	70-130			
Toluene-d8 (S)	%						97	96	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

QC Batch: 656890
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569882005, 92569882007, 92569882008, 92569882009, 92569882010, 92569882011, 92569882012

METHOD BLANK: 3443309 Matrix: Water
Associated Lab Samples: 92569882005, 92569882007, 92569882008, 92569882009, 92569882010, 92569882011, 92569882012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/02/21 20:42	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/02/21 20:42	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/02/21 20:42	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/02/21 20:42	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/02/21 20:42	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/02/21 20:42	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/02/21 20:42	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/02/21 20:42	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/02/21 20:42	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/02/21 20:42	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/02/21 20:42	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/02/21 20:42	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/02/21 20:42	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/02/21 20:42	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/02/21 20:42	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/02/21 20:42	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/02/21 20:42	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/02/21 20:42	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/02/21 20:42	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/02/21 20:42	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/02/21 20:42	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/02/21 20:42	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/02/21 20:42	
Benzene	ug/L	ND	0.50	0.34	11/02/21 20:42	
Bromobenzene	ug/L	ND	0.50	0.29	11/02/21 20:42	
Bromochloromethane	ug/L	ND	0.50	0.47	11/02/21 20:42	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/02/21 20:42	
Bromoform	ug/L	ND	0.50	0.34	11/02/21 20:42	
Bromomethane	ug/L	ND	5.0	1.7	11/02/21 20:42	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/02/21 20:42	
Chlorobenzene	ug/L	ND	0.50	0.28	11/02/21 20:42	
Chloroethane	ug/L	ND	1.0	0.65	11/02/21 20:42	
Chloroform	ug/L	ND	0.50	0.35	11/02/21 20:42	
Chloromethane	ug/L	ND	1.0	0.54	11/02/21 20:42	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/02/21 20:42	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/02/21 20:42	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/02/21 20:42	
Dibromomethane	ug/L	ND	0.50	0.39	11/02/21 20:42	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/02/21 20:42	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/02/21 20:42	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

METHOD BLANK: 3443309 Matrix: Water
Associated Lab Samples: 92569882005, 92569882007, 92569882008, 92569882009, 92569882010, 92569882011, 92569882012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/02/21 20:42	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/02/21 20:42	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/02/21 20:42	
m&p-Xylene	ug/L	ND	1.0	0.71	11/02/21 20:42	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/02/21 20:42	
Methylene Chloride	ug/L	ND	2.0	2.0	11/02/21 20:42	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/02/21 20:42	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/02/21 20:42	
Naphthalene	ug/L	ND	2.0	0.64	11/02/21 20:42	
o-Xylene	ug/L	ND	0.50	0.34	11/02/21 20:42	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/02/21 20:42	
Styrene	ug/L	ND	0.50	0.29	11/02/21 20:42	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/02/21 20:42	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/02/21 20:42	
Toluene	ug/L	ND	0.50	0.48	11/02/21 20:42	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/02/21 20:42	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/02/21 20:42	
Trichloroethene	ug/L	ND	0.50	0.38	11/02/21 20:42	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/02/21 20:42	
Vinyl chloride	ug/L	ND	1.0	0.39	11/02/21 20:42	
1,2-Dichloroethane-d4 (S)	%	90	70-130		11/02/21 20:42	
4-Bromofluorobenzene (S)	%	92	70-130		11/02/21 20:42	
Toluene-d8 (S)	%	95	70-130		11/02/21 20:42	

LABORATORY CONTROL SAMPLE: 3443310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.6	103	60-140	
1,1,1-Trichloroethane	ug/L	50	46.8	94	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.7	89	60-140	
1,1,2-Trichloroethane	ug/L	50	47.1	94	60-140	
1,1-Dichloroethane	ug/L	50	42.9	86	60-140	
1,1-Dichloroethene	ug/L	50	38.1	76	60-140	
1,1-Dichloropropene	ug/L	50	44.1	88	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.5	107	60-140	
1,2,3-Trichloropropane	ug/L	50	41.3	83	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.5	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.5	99	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	90	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	103	60-140	
1,2-Dichlorobenzene	ug/L	50	53.2	106	60-140	
1,2-Dichloroethane	ug/L	50	41.4	83	60-140	
1,2-Dichloropropane	ug/L	50	43.8	88	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.7	101	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

LABORATORY CONTROL SAMPLE: 3443310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	53.0	106	60-140	
1,3-Dichloropropane	ug/L	50	47.4	95	60-140	
1,4-Dichlorobenzene	ug/L	50	52.1	104	60-140	
2,2-Dichloropropane	ug/L	50	43.9	88	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	47.2	94	60-140	
Benzene	ug/L	50	43.7	87	60-140	
Bromobenzene	ug/L	50	53.8	108	60-140	
Bromochloromethane	ug/L	50	49.5	99	60-140	
Bromodichloromethane	ug/L	50	48.1	96	60-140	
Bromoform	ug/L	50	50.0	100	60-140	
Bromomethane	ug/L	50	48.7	97	60-140	
Carbon tetrachloride	ug/L	50	49.6	99	60-140	
Chlorobenzene	ug/L	50	51.6	103	60-140	
Chloroethane	ug/L	50	53.3	107	60-140	
Chloroform	ug/L	50	44.2	88	60-140	
Chloromethane	ug/L	50	40.1	80	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.4	85	60-140	
cis-1,3-Dichloropropene	ug/L	50	44.4	89	60-140	
Dibromochloromethane	ug/L	50	50.1	100	60-140	
Dibromomethane	ug/L	50	49.9	100	60-140	
Dichlorodifluoromethane	ug/L	50	60.3	121	60-140	
Diisopropyl ether	ug/L	50	38.7	77	60-140	
Ethylbenzene	ug/L	50	50.0	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	61.8	124	60-140	
Isopropylbenzene (Cumene)	ug/L	50	53.6	107	60-140	
m&p-Xylene	ug/L	100	99.4	99	60-140	
Methyl-tert-butyl ether	ug/L	50	40.7	81	60-140	
Methylene Chloride	ug/L	50	45.5	91	60-140	
n-Butylbenzene	ug/L	50	50.5	101	60-140	
n-Propylbenzene	ug/L	50	47.4	95	60-140	
Naphthalene	ug/L	50	49.7	99	60-140	
o-Xylene	ug/L	50	50.7	101	60-140	
sec-Butylbenzene	ug/L	50	50.8	102	60-140	
Styrene	ug/L	50	50.9	102	60-140	
tert-Butylbenzene	ug/L	50	42.2	84	60-140	
Tetrachloroethene	ug/L	50	52.5	105	60-140	
Toluene	ug/L	50	46.3	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	43.8	88	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.5	89	60-140	
Trichloroethene	ug/L	50	50.9	102	60-140	
Trichlorofluoromethane	ug/L	50	44.9	90	60-140	
Vinyl chloride	ug/L	50	46.6	93	60-140	
1,2-Dichloroethane-d4 (S)	%			84	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443311 3443312

Parameter	Units	92569107010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	10000	10000	10800	10800	108	108	60-140	0	30	
1,1,1-Trichloroethane	ug/L	ND	10000	10000	11000	10800	110	108	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	10000	10000	9630	9960	96	100	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	10000	10000	9580	9780	96	98	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	10000	10000	9400	9270	94	93	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	10000	10000	8660	8610	87	86	60-140	1	30	
1,1-Dichloropropene	ug/L	ND	10000	10000	9980	9740	100	97	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	10000	10000	11100	11700	111	117	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	10000	10000	8870	9140	89	91	60-140	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	10000	10000	11100	11800	111	118	60-140	5	30	
1,2,4-Trimethylbenzene	ug/L	4020	10000	10000	14700	14800	107	108	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	10000	10000	9040	9680	90	97	60-140	7	30	
1,2-Dibromoethane (EDB)	ug/L	ND	10000	10000	10700	10500	107	105	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	10000	10000	11000	11100	110	111	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	10000	10000	9030	8700	90	87	60-140	4	30	
1,2-Dichloropropane	ug/L	ND	10000	10000	9360	9430	94	94	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	1010	10000	10000	11500	12000	105	110	60-140	4	30	
1,3-Dichlorobenzene	ug/L	ND	10000	10000	11200	11200	112	112	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	10000	10000	9550	10100	96	101	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	10000	10000	10700	11100	107	111	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	10000	10000	8680	8550	87	86	60-140	2	30	
2-Chlorotoluene	ug/L	ND	10000	10000	11200	10800	112	108	60-140	3	30	
4-Chlorotoluene	ug/L	ND	10000	10000	10100	10300	101	103	60-140	2	30	
Benzene	ug/L	1620	10000	10000	11200	11000	96	94	60-140	2	30	
Bromobenzene	ug/L	ND	10000	10000	11600	11900	116	119	60-140	3	30	
Bromochloromethane	ug/L	ND	10000	10000	10700	10300	107	103	60-140	4	30	
Bromodichloromethane	ug/L	ND	10000	10000	9430	9200	94	92	60-140	2	30	
Bromoform	ug/L	ND	10000	10000	9600	9710	96	97	60-140	1	30	
Bromomethane	ug/L	ND	10000	10000	9110	10800	91	108	60-140	17	30	
Carbon tetrachloride	ug/L	ND	10000	10000	10200	10200	102	102	60-140	0	30	
Chlorobenzene	ug/L	ND	10000	10000	11000	10900	110	109	60-140	1	30	
Chloroethane	ug/L	ND	10000	10000	11100	10400	111	104	60-140	6	30	
Chloroform	ug/L	ND	10000	10000	10000	9360	100	94	60-140	7	30	
Chloromethane	ug/L	ND	10000	10000	9200	9190	92	92	60-140	0	30	
cis-1,2-Dichloroethene	ug/L	ND	10000	10000	9660	9480	97	95	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	10000	10000	8870	8960	89	90	60-140	1	30	
Dibromochloromethane	ug/L	ND	10000	10000	10300	10200	103	102	60-140	2	30	
Dibromomethane	ug/L	ND	10000	10000	10500	10400	105	104	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	10000	10000	12700	13100	127	131	60-140	3	30	
Diisopropyl ether	ug/L	ND	10000	10000	8570	8170	86	82	60-140	5	30	
Ethylbenzene	ug/L	2900	10000	10000	14300	14000	114	111	60-140	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	10000	10000	12200	12600	122	126	60-140	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	10000	10000	11900	11600	119	116	60-140	3	30	
m&p-Xylene	ug/L	10200	20000	20000	32200	32300	110	111	60-140	0	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443311 3443312

Parameter	Units	92569107010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	10000	10000	8970	8730	90	87	60-140	3	30	
Methylene Chloride	ug/L	ND	10000	10000	10200	9780	102	98	60-140	5	30	
n-Butylbenzene	ug/L	ND	10000	10000	10400	10600	104	106	60-140	2	30	
n-Propylbenzene	ug/L	515	10000	10000	10900	10700	104	102	60-140	2	30	
Naphthalene	ug/L	ND	10000	10000	10700	11300	99	105	60-140	5	30	
o-Xylene	ug/L	5300	10000	10000	16600	16600	113	113	60-140	0	30	
sec-Butylbenzene	ug/L	ND	10000	10000	11000	11000	110	110	60-140	0	30	
Styrene	ug/L	ND	10000	10000	8650	10900	87	109	60-140	23	30	
tert-Butylbenzene	ug/L	ND	10000	10000	9100	9100	91	91	60-140	0	30	
Tetrachloroethene	ug/L	ND	10000	10000	11700	11200	117	112	60-140	4	30	
Toluene	ug/L	52400	10000	10000	61200	61800	88	94	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	10000	10000	10000	9900	100	99	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	10000	10000	8890	8900	89	89	60-140	0	30	
Trichloroethene	ug/L	ND	10000	10000	11000	10700	110	107	60-140	2	30	
Trichlorofluoromethane	ug/L	ND	10000	10000	9340	8910	93	89	60-140	5	30	
Vinyl chloride	ug/L	ND	10000	10000	10900	10800	109	108	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						88	86	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						92	96	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92569882

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92569882001	**MW-86**	MADEP VPH	656895		
92569882002	**MW-14**	MADEP VPH	656895		
92569882003	**MW-73**	MADEP VPH	656895		
92569882004	**MW-51**	MADEP VPH	656895		
92569882005	**MW-76**	MADEP VPH	656895		
92569882006	**MW-45**	MADEP VPH	656895		
92569882007	**MW-08**	MADEP VPH	657657		
92569882008	**EB-2-20211101**	MADEP VPH	657657		
92569882009	**FB-2-20211101**	MADEP VPH	657657		
92569882011	**MW-13**	MADEP VPH	657657		
92569882012	**MW-49**	MADEP VPH	657657		
92569882001	**MW-86**	EPA 3010A	656762	EPA 6010D	656838
92569882002	**MW-14**	EPA 3010A	656762	EPA 6010D	656838
92569882003	**MW-73**	EPA 3010A	656762	EPA 6010D	656838
92569882004	**MW-51**	EPA 3010A	656762	EPA 6010D	656838
92569882005	**MW-76**	EPA 3010A	656762	EPA 6010D	656838
92569882006	**MW-45**	EPA 3010A	656762	EPA 6010D	656838
92569882007	**MW-08**	EPA 3010A	656762	EPA 6010D	656838
92569882008	**EB-2-20211101**	EPA 3010A	656762	EPA 6010D	656838
92569882011	**MW-13**	EPA 3010A	656762	EPA 6010D	656838
92569882012	**MW-49**	EPA 3010A	656762	EPA 6010D	656838
92569882001	**MW-86**	SM 6200B	656882		
92569882002	**MW-14**	SM 6200B	656882		
92569882003	**MW-73**	SM 6200B	656882		
92569882004	**MW-51**	SM 6200B	656882		
92569882005	**MW-76**	SM 6200B	656890		
92569882006	**MW-45**	SM 6200B	656882		
92569882007	**MW-08**	SM 6200B	656890		
92569882008	**EB-2-20211101**	SM 6200B	656890		
92569882009	**FB-2-20211101**	SM 6200B	656890		
92569882010	**TRIP BLANK**	SM 6200B	656890		
92569882011	**MW-13**	SM 6200B	656890		
92569882012	**MW-49**	SM 6200B	656890		

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Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: AECOM

Project #: WO# : 92569882

92569882

Courier: ☐ Commercial ☐ Fed Ex ☐ Pace ☐ UPS ☐ USPS ☐ Other:____ ☒ Client

Custody Seal Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Date/Initials Person Examining Contents: 11-1-21 JR

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer: ☒ IR Gun ID: 92764 ☒ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 4.8 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 4.8

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☒ Yes	☐ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	☒ Yes	☐ No	☐ N/A	9.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☒ No	☐ N/A	10.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

MW-13 containers labeled MW-42. Times match.

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: BV **Date:** 10/2/21

Project Manager SRF Review: BV **Date:** 11/2/21

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92569882**

PM: BV Due Date: 11/04/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2						1										7													
3						1										7													
4						1										7													
5						1										7													
6						1										7													
7						1										7													
8						1										7													
9																7													
10																2													
11						1										7													
12						1										7													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pink

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	AECOM	Report To:	Andrew Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
Suite 200, Charlotte, NC 28226				Address:	
Email:	andrew.wreschnig@aecom.com	Purchase Order #:		Pace Quote:	
Phone:	(704)522-0330 Fax	Project Name:	CPC Huntersville 60639876	Pace Project Manager:	bonnie.vang@pacelabs.com,
Requested Due Date:	3-Day TAT	Project #:		Pace Profile #:	12518-3

Regulatory Agency

State / Location: NC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	6200	VPH	Lead; Total	Trip BLANK	DI Water	Residual Chlorine (Y/N)	91569882
1	MW-86	WT	G	11/1/21	1005				8			1	7						X	X	X				3-Day TAT
2	MW-14	WT	G		1020				1			1	1						1	1	1				02
3	MW-73	WT	G		1115				1			1	1						1	1	1				03
4	MW-51	WT	G		1210				1			1	1						1	1	1				04
5	MW-76	WT	G		1305				1			1	1						1	1	1				05
6	MW-45	WT	G		1445				1			1	1						1	1	1				06
7	MW-08	WT	G		1435				1			1	1						1	1	1				07
8	EB-2-20211101	WT	G		1525				1			1	1						1	1	1				08
9	FB-2-20211101	WT	G		1515				7										X	X					09
10	Trip Blank	Lab Provided							2													X			010
11	MW-13	WT	G	11/1/21	1550				8			1	7						X	X	X				011
12	MW-49	WT	G	11/1/21	1705				8			1	7						X	X	X				012

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3-Day TAT	Mike de Kozlowski / AECOM	11/1/21	1730	MD CePacHw	11-1-21	17:20	4.8	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mike de Kozlowski

SIGNATURE of SAMPLER: Mike de Kozlowski DATE Signed: 11/1/21

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 08, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on November 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92570178001	**MW-60**	Water	11/02/21 09:35	11/02/21 17:20
92570178002	**MW-44**	Water	11/02/21 09:40	11/02/21 17:20
92570178003	**MW-14D**	Water	11/02/21 11:10	11/02/21 17:20
92570178004	**MW-50**	Water	11/02/21 12:45	11/02/21 17:20
92570178005	**MW-46**	Water	11/02/21 14:15	11/02/21 17:20
92570178006	**MW-62D**	Water	11/02/21 13:30	11/02/21 17:20
92570178007	**DUP-1-20211102**	Water	11/02/21 00:00	11/02/21 17:20
92570178008	**EB-1-20211102**	Water	11/02/21 16:15	11/02/21 17:20
92570178009	**FB-1-20211102**	Water	11/02/21 15:45	11/02/21 17:20
92570178010	**TRIP BLANK**	Water	11/02/21 00:00	11/02/21 17:20

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92570178001	**MW-60**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570178002	**MW-44**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570178003	**MW-14D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570178004	**MW-50**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570178005	**MW-46**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570178006	**MW-62D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570178007	**DUP-1-20211102**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570178008	**EB-1-20211102**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570178009	**FB-1-20211102**	MADEP VPH	MAD	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92570178010	**TRIP BLANK**	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-60 **Lab ID: 92570178001** Collected: 11/02/21 09:35 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 20:42		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 20:42		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 20:42		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 20:42		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/04/21 20:42	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/04/21 20:42	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 19:44	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 12:13	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 12:13	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 12:13	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 12:13	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 12:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 12:13	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 12:13	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 12:13	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 12:13	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 12:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 12:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 12:13	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 12:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 12:13	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 12:13	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 12:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 12:13	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 12:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 12:13	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 12:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 12:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 12:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 12:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 12:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 12:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 12:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 12:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 12:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 12:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 12:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 12:13	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-60 **Lab ID: 92570178001** Collected: 11/02/21 09:35 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 12:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 12:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 12:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 12:13	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 12:13	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 12:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 12:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 12:13	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 12:13	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 12:13	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 12:13	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 12:13	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 12:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 12:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 12:13	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 12:13	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 12:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 12:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 12:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 12:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 12:13	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 12:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 12:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 12:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 12:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 12:13	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 12:13	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 12:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 12:13	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		11/03/21 12:13	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/03/21 12:13	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		11/03/21 12:13	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-44 **Lab ID: 92570178002** Collected: 11/02/21 09:40 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 02:41		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 02:41		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 02:41		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 02:41		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	87	%	70-130		1		11/04/21 02:41	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130		1		11/04/21 02:41	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**6.0**	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 19:58	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 12:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 12:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 12:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 12:31	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 12:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 12:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 12:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 12:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 12:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 12:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 12:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 12:31	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 12:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 12:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 12:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 12:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 12:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 12:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 12:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 12:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 12:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 12:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 12:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 12:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 12:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 12:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 12:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 12:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 12:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 12:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 12:31	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-44 **Lab ID: 92570178002** Collected: 11/02/21 09:40 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 12:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 12:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 12:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 12:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 12:31	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 12:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 12:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 12:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 12:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 12:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 12:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 12:31	103-65-1	
Styrene	**0.36J**	ug/L	0.50	0.29	1		11/03/21 12:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 12:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 12:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 12:31	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 12:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 12:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 12:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 12:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 12:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 12:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 12:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 12:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 12:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 12:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 12:31	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 12:31	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 12:31	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		11/03/21 12:31	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/03/21 12:31	460-00-4	
Toluene-d8 (S)	92	%	70-130		1		11/03/21 12:31	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-14D **Lab ID: 92570178003** Collected: 11/02/21 11:10 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 03:10		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 03:10		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 03:10		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 03:10		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		11/04/21 03:10	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		11/04/21 03:10	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:14	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 11:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 11:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 11:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 11:55	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 11:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 11:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 11:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 11:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 11:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 11:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 11:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 11:55	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 11:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 11:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 11:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 11:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 11:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 11:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 11:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 11:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 11:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 11:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 11:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 11:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 11:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 11:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 11:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 11:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 11:55	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-14D **Lab ID: 92570178003** Collected: 11/02/21 11:10 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 11:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 11:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 11:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 11:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 11:55	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 11:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 11:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 11:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 11:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 11:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 11:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:55	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 11:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 11:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 11:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 11:55	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 11:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 11:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 11:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 11:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 11:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 11:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 11:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 11:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 11:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 11:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 11:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 11:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 11:55	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		11/03/21 11:55	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/03/21 11:55	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		11/03/21 11:55	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-50 **Lab ID: 92570178004** Collected: 11/02/21 12:45 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**4520**	ug/L	50.0	50.0	1		11/05/21 02:22		N2
Aliphatic (C05-C08)	**3260**	ug/L	50.0	50.0	1		11/05/21 02:22		N2
Aliphatic(C09-C12) Adjusted	**1090**	ug/L	50.0	50.0	1		11/05/21 02:22		N2
Aromatic (C09-C10)	**174**	ug/L	50.0	50.0	1		11/05/21 02:22		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/05/21 02:22	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/05/21 02:22	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:18	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**234**	ug/L	1.2	0.86	2.5		11/05/21 06:43	71-43-2	
Bromobenzene	ND	ug/L	1.2	0.72	2.5		11/05/21 06:43	108-86-1	
Bromochloromethane	ND	ug/L	1.2	1.2	2.5		11/05/21 06:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.2	0.77	2.5		11/05/21 06:43	75-27-4	
Bromoform	ND	ug/L	1.2	0.85	2.5		11/05/21 06:43	75-25-2	
Bromomethane	ND	ug/L	12.5	4.2	2.5		11/05/21 06:43	74-83-9	
n-Butylbenzene	ND	ug/L	1.2	1.2	2.5		11/05/21 06:43	104-51-8	
sec-Butylbenzene	ND	ug/L	1.2	1.0	2.5		11/05/21 06:43	135-98-8	
tert-Butylbenzene	ND	ug/L	1.2	0.81	2.5		11/05/21 06:43	98-06-6	
Carbon tetrachloride	ND	ug/L	1.2	0.83	2.5		11/05/21 06:43	56-23-5	
Chlorobenzene	ND	ug/L	1.2	0.71	2.5		11/05/21 06:43	108-90-7	
Chloroethane	ND	ug/L	2.5	1.6	2.5		11/05/21 06:43	75-00-3	
Chloroform	ND	ug/L	1.2	0.88	2.5		11/05/21 06:43	67-66-3	
Chloromethane	ND	ug/L	2.5	1.4	2.5		11/05/21 06:43	74-87-3	
2-Chlorotoluene	ND	ug/L	1.2	0.80	2.5		11/05/21 06:43	95-49-8	
4-Chlorotoluene	ND	ug/L	1.2	0.81	2.5		11/05/21 06:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.85	2.5		11/05/21 06:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.2	0.90	2.5		11/05/21 06:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.2	0.68	2.5		11/05/21 06:43	106-93-4	
Dibromomethane	ND	ug/L	1.2	0.98	2.5		11/05/21 06:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.2	0.85	2.5		11/05/21 06:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.2	0.85	2.5		11/05/21 06:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.2	0.83	2.5		11/05/21 06:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.2	0.86	2.5		11/05/21 06:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.2	0.92	2.5		11/05/21 06:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.2	0.80	2.5		11/05/21 06:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.2	0.87	2.5		11/05/21 06:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.2	0.96	2.5		11/05/21 06:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.2	0.99	2.5		11/05/21 06:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.2	0.89	2.5		11/05/21 06:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.2	0.71	2.5		11/05/21 06:43	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-50 **Lab ID: 92570178004** Collected: 11/02/21 12:45 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	1.2	0.97	2.5		11/05/21 06:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.2	1.1	2.5		11/05/21 06:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.2	0.91	2.5		11/05/21 06:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.2	0.91	2.5		11/05/21 06:43	10061-02-6	
Diisopropyl ether	**16.9**	ug/L	1.2	0.77	2.5		11/05/21 06:43	108-20-3	
Ethylbenzene	**20.7**	ug/L	1.2	0.76	2.5		11/05/21 06:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.8	2.5		11/05/21 06:43	87-68-3	
Isopropylbenzene (Cumene)	**1.5**	ug/L	1.2	0.83	2.5		11/05/21 06:43	98-82-8	
Methylene Chloride	ND	ug/L	5.0	4.9	2.5		11/05/21 06:43	75-09-2	
Methyl-tert-butyl ether	**1.4**	ug/L	1.2	1.1	2.5		11/05/21 06:43	1634-04-4	
Naphthalene	**12.0**	ug/L	5.0	1.6	2.5		11/05/21 06:43	91-20-3	
n-Propylbenzene	**2.4**	ug/L	1.2	0.85	2.5		11/05/21 06:43	103-65-1	
Styrene	ND	ug/L	1.2	0.73	2.5		11/05/21 06:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.2	0.78	2.5		11/05/21 06:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.2	0.56	2.5		11/05/21 06:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.2	0.73	2.5		11/05/21 06:43	127-18-4	
Toluene	**259**	ug/L	1.2	1.2	2.5		11/05/21 06:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	2.0	2.5		11/05/21 06:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.6	2.5		11/05/21 06:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.2	0.83	2.5		11/05/21 06:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.2	0.81	2.5		11/05/21 06:43	79-00-5	
Trichloroethene	ND	ug/L	1.2	0.96	2.5		11/05/21 06:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.5	0.74	2.5		11/05/21 06:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.2	0.65	2.5		11/05/21 06:43	96-18-4	
1,2,4-Trimethylbenzene	**44.5**	ug/L	1.2	1.2	2.5		11/05/21 06:43	95-63-6	
1,3,5-Trimethylbenzene	**13.8**	ug/L	1.2	0.83	2.5		11/05/21 06:43	108-67-8	
Vinyl chloride	ND	ug/L	2.5	0.96	2.5		11/05/21 06:43	75-01-4	
m&p-Xylene	**276**	ug/L	2.5	1.8	2.5		11/05/21 06:43	179601-23-1	
o-Xylene	**201**	ug/L	1.2	0.84	2.5		11/05/21 06:43	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		2.5		11/05/21 06:43	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		2.5		11/05/21 06:43	460-00-4	
Toluene-d8 (S)	103	%	70-130		2.5		11/05/21 06:43	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-46 **Lab ID: 92570178005** Collected: 11/02/21 14:15 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 04:06		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 04:06		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 04:06		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 04:06		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/04/21 04:06	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		11/04/21 04:06	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:21	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 14:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 14:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 14:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 14:55	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 14:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 14:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 14:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 14:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 14:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 14:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 14:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 14:55	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 14:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 14:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 14:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 14:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 14:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 14:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 14:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 14:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 14:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 14:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 14:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 14:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 14:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 14:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 14:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 14:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 14:55	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-46 **Lab ID: 92570178005** Collected: 11/02/21 14:15 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 14:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 14:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 14:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 14:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 14:55	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 14:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 14:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 14:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 14:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 14:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 14:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:55	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 14:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 14:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 14:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 14:55	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 14:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 14:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 14:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 14:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 14:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 14:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 14:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 14:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 14:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 14:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 14:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 14:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 14:55	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		11/03/21 14:55	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/03/21 14:55	460-00-4	
Toluene-d8 (S)	91	%	70-130		1		11/03/21 14:55	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-62D **Lab ID: 92570178006** Collected: 11/02/21 13:30 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 04:35		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 04:35		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 04:35		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 04:35		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/04/21 04:35	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		11/04/21 04:35	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:24	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 15:13	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 15:13	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 15:13	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 15:13	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 15:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 15:13	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 15:13	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 15:13	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 15:13	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 15:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 15:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 15:13	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 15:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 15:13	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 15:13	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 15:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 15:13	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 15:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 15:13	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 15:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 15:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 15:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 15:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 15:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 15:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 15:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 15:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 15:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 15:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 15:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 15:13	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: MW-62D **Lab ID: 92570178006** Collected: 11/02/21 13:30 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 15:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 15:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 15:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 15:13	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 15:13	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 15:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 15:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 15:13	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 15:13	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 15:13	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 15:13	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 15:13	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 15:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 15:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 15:13	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 15:13	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 15:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 15:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 15:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 15:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 15:13	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 15:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 15:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 15:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 15:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 15:13	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 15:13	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 15:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 15:13	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		11/03/21 15:13	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/03/21 15:13	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		11/03/21 15:13	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: DUP-1-20211102 **Lab ID: 92570178007** Collected: 11/02/21 00:00 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**5060**	ug/L	50.0	50.0	1		11/05/21 02:50		N2
Aliphatic (C05-C08)	**3720**	ug/L	50.0	50.0	1		11/05/21 02:50		N2
Aliphatic(C09-C12) Adjusted	**1150**	ug/L	50.0	50.0	1		11/05/21 02:50		N2
Aromatic (C09-C10)	**187**	ug/L	50.0	50.0	1		11/05/21 02:50		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		11/05/21 02:50	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		11/05/21 02:50	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:28	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**235**	ug/L	1.2	0.86	2.5		11/05/21 07:01	71-43-2	
Bromobenzene	ND	ug/L	1.2	0.72	2.5		11/05/21 07:01	108-86-1	
Bromochloromethane	ND	ug/L	1.2	1.2	2.5		11/05/21 07:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.2	0.77	2.5		11/05/21 07:01	75-27-4	
Bromoform	ND	ug/L	1.2	0.85	2.5		11/05/21 07:01	75-25-2	
Bromomethane	ND	ug/L	12.5	4.2	2.5		11/05/21 07:01	74-83-9	
n-Butylbenzene	ND	ug/L	1.2	1.2	2.5		11/05/21 07:01	104-51-8	
sec-Butylbenzene	ND	ug/L	1.2	1.0	2.5		11/05/21 07:01	135-98-8	
tert-Butylbenzene	ND	ug/L	1.2	0.81	2.5		11/05/21 07:01	98-06-6	
Carbon tetrachloride	ND	ug/L	1.2	0.83	2.5		11/05/21 07:01	56-23-5	
Chlorobenzene	ND	ug/L	1.2	0.71	2.5		11/05/21 07:01	108-90-7	
Chloroethane	ND	ug/L	2.5	1.6	2.5		11/05/21 07:01	75-00-3	
Chloroform	ND	ug/L	1.2	0.88	2.5		11/05/21 07:01	67-66-3	
Chloromethane	ND	ug/L	2.5	1.4	2.5		11/05/21 07:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.2	0.80	2.5		11/05/21 07:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.2	0.81	2.5		11/05/21 07:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.85	2.5		11/05/21 07:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.2	0.90	2.5		11/05/21 07:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.2	0.68	2.5		11/05/21 07:01	106-93-4	
Dibromomethane	ND	ug/L	1.2	0.98	2.5		11/05/21 07:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.2	0.85	2.5		11/05/21 07:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.2	0.85	2.5		11/05/21 07:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.2	0.83	2.5		11/05/21 07:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.2	0.86	2.5		11/05/21 07:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.2	0.92	2.5		11/05/21 07:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.2	0.80	2.5		11/05/21 07:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.2	0.87	2.5		11/05/21 07:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.2	0.96	2.5		11/05/21 07:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.2	0.99	2.5		11/05/21 07:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.2	0.89	2.5		11/05/21 07:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.2	0.71	2.5		11/05/21 07:01	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: DUP-1-20211102 **Lab ID: 92570178007** Collected: 11/02/21 00:00 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	1.2	0.97	2.5		11/05/21 07:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.2	1.1	2.5		11/05/21 07:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.2	0.91	2.5		11/05/21 07:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.2	0.91	2.5		11/05/21 07:01	10061-02-6	
Diisopropyl ether	**17.2**	ug/L	1.2	0.77	2.5		11/05/21 07:01	108-20-3	
Ethylbenzene	**22.0**	ug/L	1.2	0.76	2.5		11/05/21 07:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.8	2.5		11/05/21 07:01	87-68-3	
Isopropylbenzene (Cumene)	**1.6**	ug/L	1.2	0.83	2.5		11/05/21 07:01	98-82-8	
Methylene Chloride	ND	ug/L	5.0	4.9	2.5		11/05/21 07:01	75-09-2	
Methyl-tert-butyl ether	**1.3**	ug/L	1.2	1.1	2.5		11/05/21 07:01	1634-04-4	
Naphthalene	**13.4**	ug/L	5.0	1.6	2.5		11/05/21 07:01	91-20-3	
n-Propylbenzene	**2.5**	ug/L	1.2	0.85	2.5		11/05/21 07:01	103-65-1	
Styrene	ND	ug/L	1.2	0.73	2.5		11/05/21 07:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.2	0.78	2.5		11/05/21 07:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.2	0.56	2.5		11/05/21 07:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.2	0.73	2.5		11/05/21 07:01	127-18-4	
Toluene	**270**	ug/L	1.2	1.2	2.5		11/05/21 07:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	2.0	2.5		11/05/21 07:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.6	2.5		11/05/21 07:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.2	0.83	2.5		11/05/21 07:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.2	0.81	2.5		11/05/21 07:01	79-00-5	
Trichloroethene	ND	ug/L	1.2	0.96	2.5		11/05/21 07:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.5	0.74	2.5		11/05/21 07:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.2	0.65	2.5		11/05/21 07:01	96-18-4	
1,2,4-Trimethylbenzene	**47.6**	ug/L	1.2	1.2	2.5		11/05/21 07:01	95-63-6	
1,3,5-Trimethylbenzene	**14.4**	ug/L	1.2	0.83	2.5		11/05/21 07:01	108-67-8	
Vinyl chloride	ND	ug/L	2.5	0.96	2.5		11/05/21 07:01	75-01-4	
m&p-Xylene	**287**	ug/L	2.5	1.8	2.5		11/05/21 07:01	179601-23-1	
o-Xylene	**207**	ug/L	1.2	0.84	2.5		11/05/21 07:01	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		2.5		11/05/21 07:01	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		2.5		11/05/21 07:01	460-00-4	
Toluene-d8 (S)	100	%	70-130		2.5		11/05/21 07:01	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: EB-1-20211102 **Lab ID: 92570178008** Collected: 11/02/21 16:15 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 05:31		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 05:31		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 05:31		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 05:31		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/04/21 05:31	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		11/04/21 05:31	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:31	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 11:02	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 11:02	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 11:02	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 11:02	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 11:02	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 11:02	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 11:02	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 11:02	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 11:02	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 11:02	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 11:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 11:02	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 11:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 11:02	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 11:02	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 11:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 11:02	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 11:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 11:02	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 11:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 11:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 11:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 11:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 11:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 11:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 11:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 11:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 11:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 11:02	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: EB-1-20211102 **Lab ID: 92570178008** Collected: 11/02/21 16:15 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 11:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 11:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 11:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 11:02	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 11:02	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 11:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 11:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 11:02	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 11:02	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 11:02	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 11:02	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:02	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 11:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 11:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 11:02	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 11:02	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 11:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 11:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 11:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 11:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 11:02	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 11:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 11:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 11:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 11:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 11:02	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 11:02	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 11:02	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 11:02	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		11/03/21 11:02	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/03/21 11:02	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		11/03/21 11:02	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: FB-1-20211102 **Lab ID: 92570178009** Collected: 11/02/21 15:45 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 05:59		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 05:59		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 05:59		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 05:59		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/04/21 05:59	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		11/04/21 05:59	460-00-4	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 11:19	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 11:19	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 11:19	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 11:19	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 11:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 11:19	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 11:19	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 11:19	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 11:19	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 11:19	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 11:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 11:19	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 11:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 11:19	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 11:19	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 11:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 11:19	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 11:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 11:19	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 11:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 11:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 11:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 11:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 11:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 11:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 11:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 11:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 11:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 11:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 11:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 11:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 11:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 11:19	10061-02-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: FB-1-20211102 **Lab ID: 92570178009** Collected: 11/02/21 15:45 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 11:19	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 11:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 11:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 11:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 11:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 11:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 11:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:19	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 11:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 11:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 11:19	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 11:19	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 11:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 11:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 11:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 11:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 11:19	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 11:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 11:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 11:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 11:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 11:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 11:19	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 11:19	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 11:19	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		11/03/21 11:19	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/03/21 11:19	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		11/03/21 11:19	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: TRIP BLANK **Lab ID: 92570178010** Collected: 11/02/21 00:00 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 11:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 11:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 11:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 11:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 11:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 11:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 11:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 11:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 11:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 11:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 11:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 11:37	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 11:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 11:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 11:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 11:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 11:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 11:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 11:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 11:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 11:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 11:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 11:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 11:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 11:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 11:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 11:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 11:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 11:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 11:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 11:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 11:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 11:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 11:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 11:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 11:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 11:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 11:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 11:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 11:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 11:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 11:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 11:37	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Sample: TRIP BLANK **Lab ID: 92570178010** Collected: 11/02/21 00:00 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 11:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 11:37	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 11:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 11:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 11:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 11:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 11:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 11:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 11:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 11:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 11:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 11:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 11:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 11:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 11:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		11/03/21 11:37	17060-07-0	
4-Bromofluorobenzene (S)	91	%	70-130		1		11/03/21 11:37	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		11/03/21 11:37	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

QC Batch: 657319 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570178002, 92570178003, 92570178005, 92570178006, 92570178008, 92570178009

METHOD BLANK: 3445745 Matrix: Water
Associated Lab Samples: 92570178002, 92570178003, 92570178005, 92570178006, 92570178008, 92570178009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/04/21 09:46	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/04/21 09:46	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		11/04/21 09:46	
4-Bromofluorobenzene (PID) (S)	%	99	70-130		11/04/21 09:46	

LABORATORY CONTROL SAMPLE & LCSD: 3445746 3445747

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	284	282	95	94	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	112	108	112	108	70-130	4	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	103	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

QC Batch: 657657
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570178001, 92570178004, 92570178007

METHOD BLANK: 3447475 Matrix: Water
Associated Lab Samples: 92570178001, 92570178004, 92570178007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/04/21 17:24	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/04/21 17:24	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		11/04/21 17:24	
4-Bromofluorobenzene (PID) (S)	%	98	70-130		11/04/21 17:24	

LABORATORY CONTROL SAMPLE & LCSD: 3447476 3447477

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	274	290	91	97	70-130	6	25	N2
Aromatic (C09-C10)	ug/L	100	105	98.3	105	98	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	99	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	90	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

QC Batch: 657053 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92570178001, 92570178002, 92570178003, 92570178004, 92570178005, 92570178006, 92570178007, 92570178008

METHOD BLANK: 3444406 Matrix: Water
Associated Lab Samples: 92570178001, 92570178002, 92570178003, 92570178004, 92570178005, 92570178006, 92570178007, 92570178008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/03/21 19:38	

LABORATORY CONTROL SAMPLE: 3444407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	462	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3444408 3444409

Parameter	Units	92570178001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	479	464	96	93	75-125	3	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

QC Batch: 657124
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570178001, 92570178002, 92570178003, 92570178005, 92570178006, 92570178008, 92570178009, 92570178010

METHOD BLANK: 3444573 Matrix: Water
Associated Lab Samples: 92570178001, 92570178002, 92570178003, 92570178005, 92570178006, 92570178008, 92570178009, 92570178010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/03/21 10:44	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/03/21 10:44	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/03/21 10:44	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/03/21 10:44	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/03/21 10:44	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/03/21 10:44	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/03/21 10:44	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/03/21 10:44	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/03/21 10:44	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/03/21 10:44	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/03/21 10:44	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/03/21 10:44	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/03/21 10:44	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/03/21 10:44	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/03/21 10:44	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/03/21 10:44	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/03/21 10:44	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/03/21 10:44	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/03/21 10:44	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/03/21 10:44	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/03/21 10:44	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/03/21 10:44	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/03/21 10:44	
Benzene	ug/L	ND	0.50	0.34	11/03/21 10:44	
Bromobenzene	ug/L	ND	0.50	0.29	11/03/21 10:44	
Bromochloromethane	ug/L	ND	0.50	0.47	11/03/21 10:44	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/03/21 10:44	
Bromoform	ug/L	ND	0.50	0.34	11/03/21 10:44	
Bromomethane	ug/L	ND	5.0	1.7	11/03/21 10:44	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/03/21 10:44	
Chlorobenzene	ug/L	ND	0.50	0.28	11/03/21 10:44	
Chloroethane	ug/L	ND	1.0	0.65	11/03/21 10:44	
Chloroform	ug/L	ND	0.50	0.35	11/03/21 10:44	
Chloromethane	ug/L	ND	1.0	0.54	11/03/21 10:44	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/03/21 10:44	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/03/21 10:44	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/03/21 10:44	
Dibromomethane	ug/L	ND	0.50	0.39	11/03/21 10:44	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/03/21 10:44	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

METHOD BLANK: 3444573 Matrix: Water
Associated Lab Samples: 92570178001, 92570178002, 92570178003, 92570178005, 92570178006, 92570178008, 92570178009, 92570178010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	0.31	11/03/21 10:44	
Ethylbenzene	ug/L	ND	0.50	0.30	11/03/21 10:44	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/03/21 10:44	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/03/21 10:44	
m&p-Xylene	ug/L	ND	1.0	0.71	11/03/21 10:44	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/03/21 10:44	
Methylene Chloride	ug/L	ND	2.0	2.0	11/03/21 10:44	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/03/21 10:44	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/03/21 10:44	
Naphthalene	ug/L	ND	2.0	0.64	11/03/21 10:44	
o-Xylene	ug/L	ND	0.50	0.34	11/03/21 10:44	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/03/21 10:44	
Styrene	ug/L	ND	0.50	0.29	11/03/21 10:44	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/03/21 10:44	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/03/21 10:44	
Toluene	ug/L	ND	0.50	0.48	11/03/21 10:44	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/03/21 10:44	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/03/21 10:44	
Trichloroethene	ug/L	ND	0.50	0.38	11/03/21 10:44	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/03/21 10:44	
Vinyl chloride	ug/L	ND	1.0	0.39	11/03/21 10:44	
1,2-Dichloroethane-d4 (S)	%	92	70-130		11/03/21 10:44	
4-Bromofluorobenzene (S)	%	92	70-130		11/03/21 10:44	
Toluene-d8 (S)	%	95	70-130		11/03/21 10:44	

LABORATORY CONTROL SAMPLE: 3444574

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.8	108	60-140	
1,1,1-Trichloroethane	ug/L	50	49.2	98	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.3	93	60-140	
1,1,2-Trichloroethane	ug/L	50	48.5	97	60-140	
1,1-Dichloroethane	ug/L	50	42.8	86	60-140	
1,1-Dichloroethene	ug/L	50	38.7	77	60-140	
1,1-Dichloropropene	ug/L	50	45.8	92	60-140	
1,2,3-Trichlorobenzene	ug/L	50	60.6	121	60-140	
1,2,3-Trichloropropane	ug/L	50	46.3	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	61.3	123	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.3	107	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.8	100	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	53.0	106	60-140	
1,2-Dichlorobenzene	ug/L	50	56.9	114	60-140	
1,2-Dichloroethane	ug/L	50	42.1	84	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

LABORATORY CONTROL SAMPLE: 3444574

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	45.6	91	60-140	
1,3,5-Trimethylbenzene	ug/L	50	53.4	107	60-140	
1,3-Dichlorobenzene	ug/L	50	57.7	115	60-140	
1,3-Dichloropropane	ug/L	50	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	56.2	112	60-140	
2,2-Dichloropropane	ug/L	50	44.7	89	60-140	
2-Chlorotoluene	ug/L	50	53.8	108	60-140	
4-Chlorotoluene	ug/L	50	50.7	101	60-140	
Benzene	ug/L	50	46.5	93	60-140	
Bromobenzene	ug/L	50	58.3	117	60-140	
Bromochloromethane	ug/L	50	48.5	97	60-140	
Bromodichloromethane	ug/L	50	49.9	100	60-140	
Bromoform	ug/L	50	53.1	106	60-140	
Bromomethane	ug/L	50	49.6	99	60-140	
Carbon tetrachloride	ug/L	50	50.4	101	60-140	
Chlorobenzene	ug/L	50	53.8	108	60-140	
Chloroethane	ug/L	50	52.6	105	60-140	
Chloroform	ug/L	50	44.9	90	60-140	
Chloromethane	ug/L	50	41.5	83	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.2	86	60-140	
cis-1,3-Dichloropropene	ug/L	50	46.9	94	60-140	
Dibromochloromethane	ug/L	50	53.5	107	60-140	
Dibromomethane	ug/L	50	53.4	107	60-140	
Dichlorodifluoromethane	ug/L	50	60.3	121	60-140	
Diisopropyl ether	ug/L	50	39.0	78	60-140	
Ethylbenzene	ug/L	50	52.6	105	60-140	
Hexachloro-1,3-butadiene	ug/L	50	65.4	131	60-140	
Isopropylbenzene (Cumene)	ug/L	50	55.7	111	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	41.2	82	60-140	
Methylene Chloride	ug/L	50	44.6	89	60-140	
n-Butylbenzene	ug/L	50	53.7	107	60-140	
n-Propylbenzene	ug/L	50	51.5	103	60-140	
Naphthalene	ug/L	50	54.7	109	60-140	
o-Xylene	ug/L	50	53.8	108	60-140	
sec-Butylbenzene	ug/L	50	54.3	109	60-140	
Styrene	ug/L	50	54.0	108	60-140	
tert-Butylbenzene	ug/L	50	45.6	91	60-140	
Tetrachloroethene	ug/L	50	55.4	111	60-140	
Toluene	ug/L	50	46.2	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.1	90	60-140	
trans-1,3-Dichloropropene	ug/L	50	46.5	93	60-140	
Trichloroethene	ug/L	50	55.0	110	60-140	
Trichlorofluoromethane	ug/L	50	47.0	94	60-140	
Vinyl chloride	ug/L	50	48.3	97	60-140	
1,2-Dichloroethane-d4 (S)	%			84	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

LABORATORY CONTROL SAMPLE: 3444574

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3444575 3444576

Parameter	Units	92570178003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	20.4	97	102	60-140	5	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	18.0	19.2	90	96	60-140	6	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	16.5	17.7	83	88	60-140	7	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	17.0	18.2	85	91	60-140	7	30	
1,1-Dichloroethane	ug/L	ND	20	20	16.1	16.9	81	84	60-140	4	30	
1,1-Dichloroethene	ug/L	ND	20	20	16.0	15.1	80	75	60-140	6	30	
1,1-Dichloropropene	ug/L	ND	20	20	16.6	17.9	83	89	60-140	8	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.9	21.3	95	107	60-140	12	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	16.1	16.9	81	84	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.2	21.3	96	106	60-140	10	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.0	20.2	95	101	60-140	6	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.5	17.9	88	89	60-140	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.9	19.3	94	97	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.1	20.4	95	102	60-140	7	30	
1,2-Dichloroethane	ug/L	ND	20	20	14.5	16.0	72	80	60-140	10	30	
1,2-Dichloropropane	ug/L	ND	20	20	15.9	17.3	79	86	60-140	8	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.4	19.7	92	99	60-140	7	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	19.2	20.2	96	101	60-140	5	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.2	18.1	86	90	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.8	20.5	94	103	60-140	9	30	
2,2-Dichloropropane	ug/L	ND	20	20	16.0	17.0	80	85	60-140	6	30	
2-Chlorotoluene	ug/L	ND	20	20	18.2	19.5	91	98	60-140	7	30	
4-Chlorotoluene	ug/L	ND	20	20	16.7	18.7	84	93	60-140	11	30	
Benzene	ug/L	ND	20	20	16.6	17.5	83	87	60-140	5	30	
Bromobenzene	ug/L	ND	20	20	20.7	22.1	103	111	60-140	7	30	
Bromochloromethane	ug/L	ND	20	20	18.3	19.4	92	97	60-140	6	30	
Bromodichloromethane	ug/L	ND	20	20	16.8	17.8	84	89	60-140	6	30	
Bromoform	ug/L	ND	20	20	17.2	18.0	86	90	60-140	5	30	
Bromomethane	ug/L	ND	20	20	14.8	18.5	74	93	60-140	23	30	
Carbon tetrachloride	ug/L	ND	20	20	18.4	20.4	92	102	60-140	10	30	
Chlorobenzene	ug/L	ND	20	20	19.1	20.0	96	100	60-140	4	30	
Chloroethane	ug/L	ND	20	20	17.0	19.5	85	98	60-140	14	30	
Chloroform	ug/L	ND	20	20	16.9	17.6	85	88	60-140	4	30	
Chloromethane	ug/L	ND	20	20	14.7	16.2	74	81	60-140	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	15.7	17.2	79	86	60-140	9	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	16.2	16.9	81	85	60-140	4	30	
Dibromochloromethane	ug/L	ND	20	20	18.8	19.6	94	98	60-140	4	30	
Dibromomethane	ug/L	ND	20	20	19.3	20.8	97	104	60-140	7	30	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3444575 3444576

Parameter	Units	92570178003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	19.4	21.7	97	108	60-140	11	30	
Diisopropyl ether	ug/L	ND	20	20	14.2	14.9	71	75	60-140	5	30	
Ethylbenzene	ug/L	ND	20	20	19.0	19.9	95	99	60-140	4	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.0	24.8	110	124	60-140	12	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.0	21.0	100	105	60-140	5	30	
m&p-Xylene	ug/L	ND	40	40	36.8	38.3	92	96	60-140	4	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	15.3	16.2	76	81	60-140	6	30	
Methylene Chloride	ug/L	ND	20	20	16.1	17.0	81	85	60-140	6	30	
n-Butylbenzene	ug/L	ND	20	20	17.4	19.2	87	96	60-140	10	30	
n-Propylbenzene	ug/L	ND	20	20	17.8	19.2	89	96	60-140	7	30	
Naphthalene	ug/L	ND	20	20	16.5	18.4	82	92	60-140	11	30	
o-Xylene	ug/L	ND	20	20	19.1	20.4	96	102	60-140	6	30	
sec-Butylbenzene	ug/L	ND	20	20	18.9	20.2	94	101	60-140	7	30	
Styrene	ug/L	ND	20	20	17.8	18.9	89	95	60-140	6	30	
tert-Butylbenzene	ug/L	ND	20	20	16.0	17.7	80	89	60-140	10	30	
Tetrachloroethene	ug/L	ND	20	20	20.7	21.7	103	109	60-140	5	30	
Toluene	ug/L	ND	20	20	16.9	18.1	85	90	60-140	7	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	16.4	17.6	82	88	60-140	7	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	15.2	16.9	76	84	60-140	10	30	
Trichloroethene	ug/L	ND	20	20	20.4	21.8	102	109	60-140	7	30	
Trichlorofluoromethane	ug/L	ND	20	20	15.1	16.5	75	83	60-140	9	30	
Vinyl chloride	ug/L	ND	20	20	17.4	19.1	87	95	60-140	9	30	
1,2-Dichloroethane-d4 (S)	%						86	82	70-130			
4-Bromofluorobenzene (S)	%						96	95	70-130			
Toluene-d8 (S)	%						95	95	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

QC Batch: 657526
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570178004, 92570178007

METHOD BLANK: 3446752 Matrix: Water
Associated Lab Samples: 92570178004, 92570178007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/05/21 00:07	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/05/21 00:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/05/21 00:07	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/05/21 00:07	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/05/21 00:07	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/05/21 00:07	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/05/21 00:07	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/05/21 00:07	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/05/21 00:07	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/05/21 00:07	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/05/21 00:07	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/05/21 00:07	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/05/21 00:07	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/05/21 00:07	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/05/21 00:07	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/05/21 00:07	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/05/21 00:07	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/05/21 00:07	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/05/21 00:07	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 00:07	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 00:07	
Benzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
Bromobenzene	ug/L	ND	0.50	0.29	11/05/21 00:07	
Bromochloromethane	ug/L	ND	0.50	0.47	11/05/21 00:07	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/05/21 00:07	
Bromoform	ug/L	ND	0.50	0.34	11/05/21 00:07	
Bromomethane	ug/L	ND	5.0	1.7	11/05/21 00:07	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/05/21 00:07	
Chlorobenzene	ug/L	ND	0.50	0.28	11/05/21 00:07	
Chloroethane	ug/L	ND	1.0	0.65	11/05/21 00:07	
Chloroform	ug/L	ND	0.50	0.35	11/05/21 00:07	
Chloromethane	ug/L	ND	1.0	0.54	11/05/21 00:07	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/05/21 00:07	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 00:07	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/05/21 00:07	
Dibromomethane	ug/L	ND	0.50	0.39	11/05/21 00:07	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/05/21 00:07	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/05/21 00:07	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

METHOD BLANK: 3446752 Matrix: Water
Associated Lab Samples: 92570178004, 92570178007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/05/21 00:07	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/05/21 00:07	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/05/21 00:07	
m&p-Xylene	ug/L	ND	1.0	0.71	11/05/21 00:07	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/05/21 00:07	
Methylene Chloride	ug/L	ND	2.0	2.0	11/05/21 00:07	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/05/21 00:07	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
Naphthalene	ug/L	ND	2.0	0.64	11/05/21 00:07	
o-Xylene	ug/L	ND	0.50	0.34	11/05/21 00:07	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/05/21 00:07	
Styrene	ug/L	ND	0.50	0.29	11/05/21 00:07	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/05/21 00:07	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/05/21 00:07	
Toluene	ug/L	ND	0.50	0.48	11/05/21 00:07	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/05/21 00:07	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 00:07	
Trichloroethene	ug/L	ND	0.50	0.38	11/05/21 00:07	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/05/21 00:07	
Vinyl chloride	ug/L	ND	1.0	0.39	11/05/21 00:07	
1,2-Dichloroethane-d4 (S)	%	102	70-130		11/05/21 00:07	
4-Bromofluorobenzene (S)	%	97	70-130		11/05/21 00:07	
Toluene-d8 (S)	%	100	70-130		11/05/21 00:07	

LABORATORY CONTROL SAMPLE: 3446753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.8	94	60-140	
1,1,1-Trichloroethane	ug/L	50	46.5	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.7	91	60-140	
1,1,2-Trichloroethane	ug/L	50	45.0	90	60-140	
1,1-Dichloroethane	ug/L	50	46.3	93	60-140	
1,1-Dichloroethene	ug/L	50	47.1	94	60-140	
1,1-Dichloropropene	ug/L	50	47.5	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.7	95	60-140	
1,2,3-Trichloropropane	ug/L	50	42.8	86	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.1	94	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.2	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	50.6	101	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	45.7	91	60-140	
1,2-Dichlorobenzene	ug/L	50	45.9	92	60-140	
1,2-Dichloroethane	ug/L	50	42.0	84	60-140	
1,2-Dichloropropane	ug/L	50	45.3	91	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.8	92	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

LABORATORY CONTROL SAMPLE: 3446753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	44.5	89	60-140	
1,3-Dichloropropane	ug/L	50	45.4	91	60-140	
1,4-Dichlorobenzene	ug/L	50	45.0	90	60-140	
2,2-Dichloropropane	ug/L	50	47.1	94	60-140	
2-Chlorotoluene	ug/L	50	47.3	95	60-140	
4-Chlorotoluene	ug/L	50	44.1	88	60-140	
Benzene	ug/L	50	45.3	91	60-140	
Bromobenzene	ug/L	50	46.0	92	60-140	
Bromochloromethane	ug/L	50	44.5	89	60-140	
Bromodichloromethane	ug/L	50	45.8	92	60-140	
Bromoform	ug/L	50	49.4	99	60-140	
Bromomethane	ug/L	50	52.0	104	60-140	
Carbon tetrachloride	ug/L	50	47.2	94	60-140	
Chlorobenzene	ug/L	50	46.1	92	60-140	
Chloroethane	ug/L	50	59.1	118	60-140	
Chloroform	ug/L	50	46.7	93	60-140	
Chloromethane	ug/L	50	48.8	98	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.6	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.3	91	60-140	
Dibromochloromethane	ug/L	50	50.1	100	60-140	
Dibromomethane	ug/L	50	44.7	89	60-140	
Dichlorodifluoromethane	ug/L	50	60.9	122	60-140	
Diisopropyl ether	ug/L	50	42.3	85	60-140	
Ethylbenzene	ug/L	50	45.9	92	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.4	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.9	96	60-140	
m&p-Xylene	ug/L	100	93.1	93	60-140	
Methyl-tert-butyl ether	ug/L	50	43.5	87	60-140	
Methylene Chloride	ug/L	50	49.8	100	60-140	
n-Butylbenzene	ug/L	50	45.6	91	60-140	
n-Propylbenzene	ug/L	50	45.3	91	60-140	
Naphthalene	ug/L	50	47.0	94	60-140	
o-Xylene	ug/L	50	45.4	91	60-140	
sec-Butylbenzene	ug/L	50	45.4	91	60-140	
Styrene	ug/L	50	46.9	94	60-140	
tert-Butylbenzene	ug/L	50	37.5	75	60-140	
Tetrachloroethene	ug/L	50	47.8	96	60-140	
Toluene	ug/L	50	45.0	90	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	45.8	92	60-140	
Trichlorofluoromethane	ug/L	50	51.1	102	60-140	
Vinyl chloride	ug/L	50	50.4	101	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446754 3446755

Parameter	Units	92569752001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	97.8	100	98	100	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	110	110	110	110	60-140	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	94.3	92.2	94	92	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	93.2	93.1	93	93	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	100	100	103	105	103	105	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,1-Dichloropropene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,2,3-Trichlorobenzene	ug/L	ND	100	100	96.6	94.3	97	94	60-140	2	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	84.4	85.9	84	86	60-140	2	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	93.7	100	94	100	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	100	100	45.0	44.6	45	45	60-140	1	30	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	90.7	89.5	91	89	60-140	1	30	
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	93.5	93.5	93	94	60-140	0	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	94.2	93.5	94	94	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	100	100	96.9	95.7	97	96	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	100	100	101	97.5	101	97	60-140	3	30	
1,3,5-Trimethylbenzene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,3-Dichlorobenzene	ug/L	ND	100	100	93.0	93.3	93	93	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	100	100	90.8	94.7	91	95	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	94.9	91.9	95	92	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	100	100	90.7	90.8	91	91	60-140	0	30	
2-Chlorotoluene	ug/L	ND	100	100	103	102	103	102	60-140	1	30	
4-Chlorotoluene	ug/L	ND	100	100	93.8	94.0	94	94	60-140	0	30	
Benzene	ug/L	19.7	100	100	119	120	99	100	60-140	1	30	
Bromobenzene	ug/L	ND	100	100	98.2	96.7	98	97	60-140	2	30	
Bromochloromethane	ug/L	ND	100	100	100	97.8	100	98	60-140	2	30	
Bromodichloromethane	ug/L	ND	100	100	100	95.8	100	96	60-140	4	30	
Bromoform	ug/L	ND	100	100	87.5	84.0	88	84	60-140	4	30	
Bromomethane	ug/L	ND	100	100	70.2	73.4	70	73	60-140	5	30	
Carbon tetrachloride	ug/L	ND	100	100	101	103	101	103	60-140	3	30	
Chlorobenzene	ug/L	ND	100	100	99.5	101	99	101	60-140	2	30	
Chloroethane	ug/L	ND	100	100	158	156	158	156	60-140	1	30	M1
Chloroform	ug/L	ND	100	100	105	104	104	103	60-140	1	30	
Chloromethane	ug/L	ND	100	100	169	183	169	183	60-140	8	30	M1
cis-1,2-Dichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
cis-1,3-Dichloropropene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
Dibromochloromethane	ug/L	ND	100	100	92.0	94.6	92	95	60-140	3	30	
Dibromomethane	ug/L	ND	100	100	94.4	91.3	94	91	60-140	3	30	
Dichlorodifluoromethane	ug/L	ND	100	100	153	159	153	159	60-140	4	30	M1
Diisopropyl ether	ug/L	ND	100	100	91.8	93.3	92	93	60-140	2	30	
Ethylbenzene	ug/L	ND	100	100	82.3	83.8	82	84	60-140	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	102	102	102	102	60-140	0	30	
Isopropylbenzene (Cumene)	ug/L	ND	100	100	84.4	86.1	84	86	60-140	2	30	
m&p-Xylene	ug/L	ND	200	200	175	177	87	89	60-140	1	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446754 3446755

Parameter	Units	92569752001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	100	100	97.3	96.8	97	97	60-140	0	30	
Methylene Chloride	ug/L	ND	100	100	122	119	122	119	60-140	3	30	
n-Butylbenzene	ug/L	ND	100	100	80.9	82.5	81	82	60-140	2	30	
n-Propylbenzene	ug/L	ND	100	100	86.5	85.6	86	86	60-140	1	30	
Naphthalene	ug/L	ND	100	100	48.6	49.0	49	49	60-140	1	30	M1
o-Xylene	ug/L	ND	100	100	90.4	90.0	89	89	60-140	0	30	
sec-Butylbenzene	ug/L	ND	100	100	89.8	91.1	90	91	60-140	1	30	
Styrene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
tert-Butylbenzene	ug/L	ND	100	100	83.7	84.1	84	84	60-140	0	30	
Tetrachloroethene	ug/L	ND	100	100	35.3	37.8	35	38	60-140	7	30	M1
Toluene	ug/L	ND	100	100	94.1	97.4	93	96	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
trans-1,3-Dichloropropene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
Trichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
Trichlorofluoromethane	ug/L	ND	100	100	115	114	115	114	60-140	0	30	
Vinyl chloride	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,2-Dichloroethane-d4 (S)	%						106	110	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						100	101	70-130			

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570178

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570178001	**MW-60**	MADEP VPH	657657		
92570178002	**MW-44**	MADEP VPH	657319		
92570178003	**MW-14D**	MADEP VPH	657319		
92570178004	**MW-50**	MADEP VPH	657657		
92570178005	**MW-46**	MADEP VPH	657319		
92570178006	**MW-62D**	MADEP VPH	657319		
92570178007	**DUP-1-20211102**	MADEP VPH	657657		
92570178008	**EB-1-20211102**	MADEP VPH	657319		
92570178009	**FB-1-20211102**	MADEP VPH	657319		
92570178001	**MW-60**	EPA 3010A	657053	EPA 6010D	657072
92570178002	**MW-44**	EPA 3010A	657053	EPA 6010D	657072
92570178003	**MW-14D**	EPA 3010A	657053	EPA 6010D	657072
92570178004	**MW-50**	EPA 3010A	657053	EPA 6010D	657072
92570178005	**MW-46**	EPA 3010A	657053	EPA 6010D	657072
92570178006	**MW-62D**	EPA 3010A	657053	EPA 6010D	657072
92570178007	**DUP-1-20211102**	EPA 3010A	657053	EPA 6010D	657072
92570178008	**EB-1-20211102**	EPA 3010A	657053	EPA 6010D	657072
92570178001	**MW-60**	SM 6200B	657124		
92570178002	**MW-44**	SM 6200B	657124		
92570178003	**MW-14D**	SM 6200B	657124		
92570178004	**MW-50**	SM 6200B	657526		
92570178005	**MW-46**	SM 6200B	657124		
92570178006	**MW-62D**	SM 6200B	657124		
92570178007	**DUP-1-20211102**	SM 6200B	657526		
92570178008	**EB-1-20211102**	SM 6200B	657124		
92570178009	**FB-1-20211102**	SM 6200B	657124		
92570178010	**TRIP BLANK**	SM 6200B	657124		

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Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: AECOM

Project #: WO# : 92570178

92570178

Courier: ☐ Commercial ☐ Fed Ex ☐ Pace ☐ UPS ☐ USPS ☐ Other:____ ☒ Client

Custody Seal Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Date/Initials Person Examining Contents: 11-2-21 SC

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer: ☐ IR Gun ID: ☒ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 3.8, 0.9, 4.8 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 3.8, 0.9, 4.8

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☒ Yes	☐ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☒ No	☐ N/A	10.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: BV **Date:** 11/3/21

Project Manager SRF Review: BV **Date:** 11/3/21

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92570178**

PM: BV Due Date: 11/05/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																1													
2																1													
3																1													
4																1													
5																1													
6																1													
7																1													
8																1													
9																1													
10																2													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	AECOM	Report To:	Andrew Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
Suite 200, Charlotte, NC 28226				Address:	
Email:	andrew.wreschnig@aecom.com	Purchase Order #:		Pace Quote:	
Phone:	(704)522-0330 Fax	Project Name:	CPC Huntersville 60639876	Pace Project Manager:	bonnie.vang@pacelabs.com,
Requested Due Date:	3-Day TAT	Project #:		Pace Profile #:	12518-3

Regulatory Agency	
State / Location	NC

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	6200	VPH	Lead; Total	Trip BLANK	DI Water	Residual Chlorine (Y/N)	92570178
1	MW-60	WT	G	11/2/21	0935				8			1	7					X	X	X					3-Day TAT 001
2	MW-44	"	"	"	0940				1			1	1					1	1	1					002
3	MW-14D	"	"	"	1110				1			1	1					1	1	1					003
4	MW-50	"	"	"	1245				1			1	1					1	1	1					004
5	MW-46	"	"	"	1415				1			1	1					1	1	1					005
6	MW-62D	"	"	"	1330				1			1	1					1	1	1					006
7	DUP-1-20211102	"	"	"	--				1			1	1					1	1	1					007
8	EB-1-20211102	"	"	"	1615				1			1	1					1	1	1					008
9	FB-1-20211102	"	"	"	1545				7				7					X	X						009
10	Trip Blank	Lab	Provided						2												X				010
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
3-Day TAT	Mike de Kozlowski / AECOM	11/2/21	1720	Pace	11-2-21	17:20	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Mike de Kozlowski		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:	Mike de Kozlowski	DATE Signed: 11/2/21				

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 08, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on November 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92570181001	**MW-81**	Water	11/02/21 09:55	11/02/21 17:20
92570181002	**MW-31D**	Water	11/02/21 09:40	11/02/21 17:20
92570181003	**MW-79**	Water	11/02/21 10:15	11/02/21 17:20
92570181004	**MW-82**	Water	11/02/21 11:10	11/02/21 17:20
92570181005	**MW-77**	Water	11/02/21 11:30	11/02/21 17:20
92570181006	**MW-19**	Water	11/02/21 11:05	11/02/21 17:20
92570181007	**MW-81D**	Water	11/02/21 11:50	11/02/21 17:20
92570181008	**MW-80**	Water	11/02/21 13:10	11/02/21 17:20
92570181009	**MW-84**	Water	11/02/21 13:50	11/02/21 17:20
92570181010	**MW-23**	Water	11/02/21 13:25	11/02/21 17:20
92570181011	**MW-31**	Water	11/02/21 14:35	11/02/21 17:20
92570181012	**MW-78**	Water	11/02/21 14:45	11/02/21 17:20
92570181013	**MW-79D**	Water	11/02/21 15:45	11/02/21 17:20
92570181014	**DUP-2-20211102**	Water	11/02/21 00:00	11/02/21 17:20
92570181015	**EB-2-20211102**	Water	11/02/21 15:40	11/02/21 17:20
92570181016	**FB-2-20211102**	Water	11/02/21 08:25	11/02/21 17:20
92570181017	**TRIP BLANK-1**	Water	11/02/21 00:00	11/02/21 17:20
92570181018	**TRIP BLANK-2**	Water	11/02/21 00:00	11/02/21 17:20
92570181019	**MW-21**	Water	11/02/21 15:30	11/02/21 17:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92570181001	**MW-81**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181002	**MW-31D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181003	**MW-79**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181004	**MW-82**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181005	**MW-77**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181006	**MW-19**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181007	**MW-81D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181008	**MW-80**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181009	**MW-84**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181010	**MW-23**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181011	**MW-31**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181012	**MW-78**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181013	**MW-79D**	MADEP VPH	MAD	6	PASI-C

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181014	**DUP-2-20211102**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181015	**EB-2-20211102**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570181016	**FB-2-20211102**	MADEP VPH	MAD	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92570181017	**TRIP BLANK-1**	SM 6200B	SAS	63	PASI-C
92570181018	**TRIP BLANK-2**	SM 6200B	SAS	63	PASI-C
92570181019	**MW-21**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-81 **Lab ID: 92570181001** Collected: 11/02/21 09:55 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 06:28		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 06:28		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 06:28		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 06:28		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/04/21 06:28	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		11/04/21 06:28	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:34	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 12:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 12:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 12:49	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 12:49	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 12:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 12:49	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 12:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 12:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 12:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 12:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 12:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 12:49	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 12:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 12:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 12:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 12:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 12:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 12:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 12:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 12:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 12:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 12:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 12:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 12:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 12:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 12:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 12:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 12:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 12:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 12:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 12:49	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-81 **Lab ID: 92570181001** Collected: 11/02/21 09:55 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 12:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 12:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 12:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 12:49	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 12:49	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 12:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 12:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 12:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 12:49	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 12:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 12:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 12:49	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 12:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 12:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 12:49	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 12:49	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 12:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 12:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 12:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 12:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 12:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 12:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 12:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 12:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 12:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 12:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 12:49	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 12:49	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 12:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		11/03/21 12:49	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/03/21 12:49	460-00-4	
Toluene-d8 (S)	91	%	70-130		1		11/03/21 12:49	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-31D **Lab ID: 92570181002** Collected: 11/02/21 09:40 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 06:56		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 06:56		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 06:56		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 06:56		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/04/21 06:56	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		11/04/21 06:56	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:38	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 13:07	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 13:07	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 13:07	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 13:07	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 13:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 13:07	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 13:07	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 13:07	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 13:07	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 13:07	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 13:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 13:07	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 13:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 13:07	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 13:07	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 13:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 13:07	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 13:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 13:07	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 13:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 13:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 13:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 13:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 13:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 13:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 13:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 13:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 13:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 13:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 13:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 13:07	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-31D **Lab ID: 92570181002** Collected: 11/02/21 09:40 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 13:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 13:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 13:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 13:07	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 13:07	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 13:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 13:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 13:07	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 13:07	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 13:07	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 13:07	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 13:07	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 13:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 13:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 13:07	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 13:07	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 13:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 13:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 13:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 13:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 13:07	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 13:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 13:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 13:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 13:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 13:07	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 13:07	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 13:07	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 13:07	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		11/03/21 13:07	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/03/21 13:07	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		11/03/21 13:07	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-79 **Lab ID: 92570181003** Collected: 11/02/21 10:15 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 07:24		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 07:24		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 07:24		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 07:24		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/04/21 07:24	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		11/04/21 07:24	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:41	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 13:25	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 13:25	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 13:25	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 13:25	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 13:25	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 13:25	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 13:25	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 13:25	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 13:25	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 13:25	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 13:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 13:25	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 13:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 13:25	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 13:25	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 13:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 13:25	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 13:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 13:25	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 13:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 13:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 13:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 13:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 13:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 13:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 13:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 13:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 13:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 13:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 13:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 13:25	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-79 **Lab ID: 92570181003** Collected: 11/02/21 10:15 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 13:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 13:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 13:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 13:25	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 13:25	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 13:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 13:25	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 13:25	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 13:25	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 13:25	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 13:25	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 13:25	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 13:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 13:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 13:25	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 13:25	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 13:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 13:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 13:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 13:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 13:25	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 13:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 13:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 13:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 13:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 13:25	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 13:25	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 13:25	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 13:25	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		11/03/21 13:25	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/03/21 13:25	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		11/03/21 13:25	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-82 **Lab ID: 92570181004** Collected: 11/02/21 11:10 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 07:52		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 07:52		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 07:52		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 07:52		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/04/21 07:52	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		11/04/21 07:52	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:44	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 13:43	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 13:43	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 13:43	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 13:43	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 13:43	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 13:43	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 13:43	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 13:43	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 13:43	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 13:43	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 13:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 13:43	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 13:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 13:43	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 13:43	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 13:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 13:43	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 13:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 13:43	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 13:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 13:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 13:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 13:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 13:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 13:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 13:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 13:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 13:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 13:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 13:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 13:43	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-82 **Lab ID: 92570181004** Collected: 11/02/21 11:10 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 13:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 13:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 13:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 13:43	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 13:43	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 13:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 13:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 13:43	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 13:43	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 13:43	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 13:43	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 13:43	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 13:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 13:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 13:43	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 13:43	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 13:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 13:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 13:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 13:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 13:43	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 13:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 13:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 13:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 13:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 13:43	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 13:43	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 13:43	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 13:43	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		11/03/21 13:43	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/03/21 13:43	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		11/03/21 13:43	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-77 **Lab ID: 92570181005** Collected: 11/02/21 11:30 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 08:21		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 08:21		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 08:21		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 08:21		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/04/21 08:21	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		11/04/21 08:21	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:54	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 14:01	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 14:01	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 14:01	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 14:01	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 14:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 14:01	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 14:01	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 14:01	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 14:01	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 14:01	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 14:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 14:01	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 14:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 14:01	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 14:01	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 14:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 14:01	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 14:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 14:01	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 14:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 14:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 14:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 14:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 14:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 14:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 14:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 14:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 14:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 14:01	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-77 **Lab ID: 92570181005** Collected: 11/02/21 11:30 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 14:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 14:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 14:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 14:01	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 14:01	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 14:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 14:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 14:01	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 14:01	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 14:01	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 14:01	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:01	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 14:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 14:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 14:01	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 14:01	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 14:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 14:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 14:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 14:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 14:01	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 14:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 14:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 14:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 14:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 14:01	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 14:01	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 14:01	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 14:01	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		11/03/21 14:01	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/03/21 14:01	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		11/03/21 14:01	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-19 **Lab ID: 92570181006** Collected: 11/02/21 11:05 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**50600**	ug/L	1000	1000	20		11/05/21 03:18		N2
Aliphatic (C05-C08)	**41900**	ug/L	1000	1000	20		11/05/21 03:18		N2
Aliphatic(C09-C12) Adjusted	**7720**	ug/L	1000	1000	20		11/05/21 03:18		N2
Aromatic (C09-C10)	**1020**	ug/L	1000	1000	20		11/05/21 03:18		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		20		11/05/21 03:18	460-00-4	
4-Bromofluorobenzene (PID) (S)	93	%	70-130		20		11/05/21 03:18	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 20:58	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**4220**	ug/L	25.0	17.2	50		11/05/21 07:38	71-43-2	
Bromobenzene	ND	ug/L	25.0	14.5	50		11/05/21 07:38	108-86-1	
Bromochloromethane	ND	ug/L	25.0	23.4	50		11/05/21 07:38	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	15.4	50		11/05/21 07:38	75-27-4	
Bromoform	ND	ug/L	25.0	17.0	50		11/05/21 07:38	75-25-2	
Bromomethane	ND	ug/L	250	83.0	50		11/05/21 07:38	74-83-9	
n-Butylbenzene	ND	ug/L	25.0	24.5	50		11/05/21 07:38	104-51-8	
sec-Butylbenzene	ND	ug/L	25.0	20.0	50		11/05/21 07:38	135-98-8	
tert-Butylbenzene	ND	ug/L	25.0	16.2	50		11/05/21 07:38	98-06-6	
Carbon tetrachloride	ND	ug/L	25.0	16.6	50		11/05/21 07:38	56-23-5	
Chlorobenzene	ND	ug/L	25.0	14.2	50		11/05/21 07:38	108-90-7	
Chloroethane	ND	ug/L	50.0	32.4	50		11/05/21 07:38	75-00-3	
Chloroform	ND	ug/L	25.0	17.6	50		11/05/21 07:38	67-66-3	
Chloromethane	ND	ug/L	50.0	27.0	50		11/05/21 07:38	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	16.0	50		11/05/21 07:38	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	16.2	50		11/05/21 07:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	17.0	50		11/05/21 07:38	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	18.0	50		11/05/21 07:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	13.6	50		11/05/21 07:38	106-93-4	
Dibromomethane	ND	ug/L	25.0	19.7	50		11/05/21 07:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	17.0	50		11/05/21 07:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	17.0	50		11/05/21 07:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	16.6	50		11/05/21 07:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	17.3	50		11/05/21 07:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	18.4	50		11/05/21 07:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	16.1	50		11/05/21 07:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	17.4	50		11/05/21 07:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	19.2	50		11/05/21 07:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	19.8	50		11/05/21 07:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	17.8	50		11/05/21 07:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	14.2	50		11/05/21 07:38	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-19 **Lab ID: 92570181006** Collected: 11/02/21 11:05 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	25.0	19.4	50		11/05/21 07:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	21.4	50		11/05/21 07:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	18.2	50		11/05/21 07:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	18.2	50		11/05/21 07:38	10061-02-6	
Diisopropyl ether	**278**	ug/L	25.0	15.4	50		11/05/21 07:38	108-20-3	
Ethylbenzene	**559**	ug/L	25.0	15.2	50		11/05/21 07:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	100	76.5	50		11/05/21 07:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	16.6	50		11/05/21 07:38	98-82-8	
Methylene Chloride	ND	ug/L	100	97.5	50		11/05/21 07:38	75-09-2	
Methyl-tert-butyl ether	**51.3**	ug/L	25.0	21.1	50		11/05/21 07:38	1634-04-4	
Naphthalene	**91.1J**	ug/L	100	32.2	50		11/05/21 07:38	91-20-3	
n-Propylbenzene	ND	ug/L	25.0	17.0	50		11/05/21 07:38	103-65-1	
Styrene	ND	ug/L	25.0	14.6	50		11/05/21 07:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	15.6	50		11/05/21 07:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	11.2	50		11/05/21 07:38	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	14.6	50		11/05/21 07:38	127-18-4	
Toluene	**5520**	ug/L	25.0	24.2	50		11/05/21 07:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	100	40.3	50		11/05/21 07:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	100	32.0	50		11/05/21 07:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	16.6	50		11/05/21 07:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	16.2	50		11/05/21 07:38	79-00-5	
Trichloroethene	ND	ug/L	25.0	19.2	50		11/05/21 07:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	50.0	14.9	50		11/05/21 07:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	13.0	50		11/05/21 07:38	96-18-4	
1,2,4-Trimethylbenzene	**305**	ug/L	25.0	24.8	50		11/05/21 07:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	25.0	16.6	50		11/05/21 07:38	108-67-8	
Vinyl chloride	ND	ug/L	50.0	19.3	50		11/05/21 07:38	75-01-4	
m&p-Xylene	**2390**	ug/L	50.0	35.4	50		11/05/21 07:38	179601-23-1	
o-Xylene	**1340**	ug/L	25.0	16.9	50		11/05/21 07:38	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		50		11/05/21 07:38	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		50		11/05/21 07:38	460-00-4	
Toluene-d8 (S)	100	%	70-130		50		11/05/21 07:38	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-81D **Lab ID: 92570181007** Collected: 11/02/21 11:50 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 21:11		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 21:11		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 21:11		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 21:11		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		11/04/21 21:11	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/04/21 21:11	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 21:01	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 14:19	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 14:19	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 14:19	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 14:19	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 14:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 14:19	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 14:19	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 14:19	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 14:19	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 14:19	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 14:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 14:19	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 14:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 14:19	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 14:19	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 14:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 14:19	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 14:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 14:19	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 14:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 14:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 14:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 14:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 14:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 14:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 14:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 14:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 14:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 14:19	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-81D **Lab ID: 92570181007** Collected: 11/02/21 11:50 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 14:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 14:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 14:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 14:19	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 14:19	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 14:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 14:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 14:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 14:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 14:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 14:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:19	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 14:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 14:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 14:19	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 14:19	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 14:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 14:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 14:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 14:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 14:19	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 14:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 14:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 14:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 14:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 14:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 14:19	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 14:19	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 14:19	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		11/03/21 14:19	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/03/21 14:19	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		11/03/21 14:19	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-80 **Lab ID: 92570181008** Collected: 11/02/21 13:10 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 21:39		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 21:39		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 21:39		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 21:39		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/04/21 21:39	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/04/21 21:39	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 21:04	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 14:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 14:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 14:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 14:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 14:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 14:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 14:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 14:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 14:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 14:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 14:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 14:37	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 14:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 14:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 14:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 14:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 14:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 14:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 14:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 14:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 14:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 14:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 14:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 14:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 14:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 14:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 14:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 14:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 14:37	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-80 **Lab ID: 92570181008** Collected: 11/02/21 13:10 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 14:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 14:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 14:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 14:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 14:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 14:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 14:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 14:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 14:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 14:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 14:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 14:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 14:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 14:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 14:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 14:37	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 14:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 14:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 14:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 14:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 14:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 14:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 14:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 14:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 14:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 14:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 14:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 14:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 14:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		11/03/21 14:37	17060-07-0	
4-Bromofluorobenzene (S)	91	%	70-130		1		11/03/21 14:37	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		11/03/21 14:37	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-84 **Lab ID: 92570181009** Collected: 11/02/21 13:50 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 22:07		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 22:07		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 22:07		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 22:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/04/21 22:07	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/04/21 22:07	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 21:08	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**0.52**	ug/L	0.50	0.34	1		11/03/21 15:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 15:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 15:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 15:31	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 15:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 15:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 15:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 15:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 15:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 15:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 15:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 15:31	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 15:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 15:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 15:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 15:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 15:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 15:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 15:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 15:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 15:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 15:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 15:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 15:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 15:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 15:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 15:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 15:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 15:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 15:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 15:31	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-84 **Lab ID: 92570181009** Collected: 11/02/21 13:50 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 15:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 15:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 15:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 15:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 15:31	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 15:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 15:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 15:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 15:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 15:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 15:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 15:31	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 15:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 15:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 15:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 15:31	127-18-4	
Toluene	**0.98**	ug/L	0.50	0.48	1		11/03/21 15:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 15:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 15:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 15:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 15:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 15:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 15:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 15:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 15:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 15:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 15:31	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 15:31	179601-23-1	
o-Xylene	**0.39J**	ug/L	0.50	0.34	1		11/03/21 15:31	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		11/03/21 15:31	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/03/21 15:31	460-00-4	
Toluene-d8 (S)	93	%	70-130		1		11/03/21 15:31	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-23 **Lab ID: 92570181010** Collected: 11/02/21 13:25 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 22:36		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 22:36		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 22:36		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 22:36		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/04/21 22:36	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/04/21 22:36	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 21:11	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/03/21 15:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/03/21 15:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/03/21 15:49	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/03/21 15:49	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/03/21 15:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/03/21 15:49	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/03/21 15:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/03/21 15:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/03/21 15:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/03/21 15:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/03/21 15:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/03/21 15:49	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/03/21 15:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/03/21 15:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 15:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/03/21 15:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/03/21 15:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/03/21 15:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/03/21 15:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/03/21 15:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 15:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/03/21 15:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/03/21 15:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/03/21 15:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/03/21 15:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 15:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/03/21 15:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 15:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/03/21 15:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/03/21 15:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/03/21 15:49	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-23 **Lab ID: 92570181010** Collected: 11/02/21 13:25 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/03/21 15:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/03/21 15:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 15:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/03/21 15:49	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/03/21 15:49	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/03/21 15:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/03/21 15:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/03/21 15:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/03/21 15:49	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/03/21 15:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/03/21 15:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/03/21 15:49	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/03/21 15:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/03/21 15:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/03/21 15:49	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/03/21 15:49	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/03/21 15:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/03/21 15:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/03/21 15:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/03/21 15:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/03/21 15:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/03/21 15:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/03/21 15:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/03/21 15:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/03/21 15:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/03/21 15:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/03/21 15:49	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/03/21 15:49	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/03/21 15:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		11/03/21 15:49	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/03/21 15:49	460-00-4	
Toluene-d8 (S)	93	%	70-130		1		11/03/21 15:49	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-31 **Lab ID: 92570181011** Collected: 11/02/21 14:35 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 23:04		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 23:04		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 23:04		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 23:04		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/04/21 23:04	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/04/21 23:04	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 21:14	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 18:52	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 18:52	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 18:52	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 18:52	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 18:52	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 18:52	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 18:52	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 18:52	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 18:52	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 18:52	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 18:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 18:52	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 18:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 18:52	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 18:52	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 18:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 18:52	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 18:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 18:52	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 18:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 18:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 18:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 18:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 18:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 18:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 18:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 18:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 18:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 18:52	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-31 **Lab ID: 92570181011** Collected: 11/02/21 14:35 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 18:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 18:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 18:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 18:52	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 18:52	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 18:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 18:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 18:52	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 18:52	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 18:52	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 18:52	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:52	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 18:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 18:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 18:52	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 18:52	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 18:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 18:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 18:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 18:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 18:52	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 18:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 18:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 18:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 18:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 18:52	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 18:52	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 18:52	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 18:52	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		11/04/21 18:52	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/04/21 18:52	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/04/21 18:52	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-78 **Lab ID: 92570181012** Collected: 11/02/21 14:45 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/04/21 23:32		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/04/21 23:32		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/04/21 23:32		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/04/21 23:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/04/21 23:32	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		11/04/21 23:32	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 21:18	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 19:10	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 19:10	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 19:10	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 19:10	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 19:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 19:10	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 19:10	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 19:10	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 19:10	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 19:10	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 19:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 19:10	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 19:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 19:10	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:10	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 19:10	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 19:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 19:10	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 19:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 19:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 19:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 19:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 19:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 19:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 19:10	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-78 **Lab ID: 92570181012** Collected: 11/02/21 14:45 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 19:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 19:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:10	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 19:10	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 19:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 19:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 19:10	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 19:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 19:10	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 19:10	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:10	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 19:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 19:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 19:10	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 19:10	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 19:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 19:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 19:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 19:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:10	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 19:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 19:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 19:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 19:10	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 19:10	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 19:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		11/04/21 19:10	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/04/21 19:10	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 19:10	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-79D **Lab ID: 92570181013** Collected: 11/02/21 15:45 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 00:00		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 00:00		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 00:00		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 00:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		11/05/21 00:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1		11/05/21 00:00	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 21:35	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 19:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 19:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 19:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 19:27	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 19:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 19:27	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 19:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 19:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 19:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 19:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 19:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 19:27	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 19:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 19:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 19:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 19:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 19:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 19:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 19:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 19:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 19:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 19:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 19:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 19:27	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-79D **Lab ID: 92570181013** Collected: 11/02/21 15:45 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 19:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 19:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 19:27	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 19:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 19:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 19:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 19:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 19:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 19:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:27	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 19:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 19:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 19:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 19:27	127-18-4	
Toluene	**6.8**	ug/L	0.50	0.48	1		11/04/21 19:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 19:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 19:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 19:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 19:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 19:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 19:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 19:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 19:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 19:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		11/04/21 19:27	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		11/04/21 19:27	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/04/21 19:27	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: DUP-2-20211102 **Lab ID: 92570181014** Collected: 11/02/21 00:00 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**52000**	ug/L	1000	1000	20		11/06/21 02:27		N2
Aliphatic (C05-C08)	**42900**	ug/L	1000	1000	20		11/06/21 02:27		N2
Aliphatic(C09-C12) Adjusted	**8080**	ug/L	1000	1000	20		11/06/21 02:27		N2
Aromatic (C09-C10)	**1040**	ug/L	1000	1000	20		11/06/21 02:27		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		20		11/06/21 02:27	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		20		11/06/21 02:27	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 21:48	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**4440**	ug/L	25.0	17.2	50		11/05/21 07:56	71-43-2	
Bromobenzene	ND	ug/L	25.0	14.5	50		11/05/21 07:56	108-86-1	
Bromochloromethane	ND	ug/L	25.0	23.4	50		11/05/21 07:56	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	15.4	50		11/05/21 07:56	75-27-4	
Bromoform	ND	ug/L	25.0	17.0	50		11/05/21 07:56	75-25-2	
Bromomethane	ND	ug/L	250	83.0	50		11/05/21 07:56	74-83-9	
n-Butylbenzene	ND	ug/L	25.0	24.5	50		11/05/21 07:56	104-51-8	
sec-Butylbenzene	ND	ug/L	25.0	20.0	50		11/05/21 07:56	135-98-8	
tert-Butylbenzene	ND	ug/L	25.0	16.2	50		11/05/21 07:56	98-06-6	
Carbon tetrachloride	ND	ug/L	25.0	16.6	50		11/05/21 07:56	56-23-5	
Chlorobenzene	ND	ug/L	25.0	14.2	50		11/05/21 07:56	108-90-7	
Chloroethane	ND	ug/L	50.0	32.4	50		11/05/21 07:56	75-00-3	
Chloroform	ND	ug/L	25.0	17.6	50		11/05/21 07:56	67-66-3	
Chloromethane	ND	ug/L	50.0	27.0	50		11/05/21 07:56	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	16.0	50		11/05/21 07:56	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	16.2	50		11/05/21 07:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	17.0	50		11/05/21 07:56	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	18.0	50		11/05/21 07:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	13.6	50		11/05/21 07:56	106-93-4	
Dibromomethane	ND	ug/L	25.0	19.7	50		11/05/21 07:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	17.0	50		11/05/21 07:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	17.0	50		11/05/21 07:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	16.6	50		11/05/21 07:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	17.3	50		11/05/21 07:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	18.4	50		11/05/21 07:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	16.1	50		11/05/21 07:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	17.4	50		11/05/21 07:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	19.2	50		11/05/21 07:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	19.8	50		11/05/21 07:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	17.8	50		11/05/21 07:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	14.2	50		11/05/21 07:56	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: DUP-2-20211102 **Lab ID: 92570181014** Collected: 11/02/21 00:00 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	25.0	19.4	50		11/05/21 07:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	21.4	50		11/05/21 07:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	18.2	50		11/05/21 07:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	18.2	50		11/05/21 07:56	10061-02-6	
Diisopropyl ether	**283**	ug/L	25.0	15.4	50		11/05/21 07:56	108-20-3	
Ethylbenzene	**607**	ug/L	25.0	15.2	50		11/05/21 07:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	100	76.5	50		11/05/21 07:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	16.6	50		11/05/21 07:56	98-82-8	
Methylene Chloride	ND	ug/L	100	97.5	50		11/05/21 07:56	75-09-2	
Methyl-tert-butyl ether	**52.7**	ug/L	25.0	21.1	50		11/05/21 07:56	1634-04-4	
Naphthalene	**103**	ug/L	100	32.2	50		11/05/21 07:56	91-20-3	
n-Propylbenzene	**43.2**	ug/L	25.0	17.0	50		11/05/21 07:56	103-65-1	
Styrene	ND	ug/L	25.0	14.6	50		11/05/21 07:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	15.6	50		11/05/21 07:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	11.2	50		11/05/21 07:56	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	14.6	50		11/05/21 07:56	127-18-4	
Toluene	**6080**	ug/L	25.0	24.2	50		11/05/21 07:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	100	40.3	50		11/05/21 07:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	100	32.0	50		11/05/21 07:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	16.6	50		11/05/21 07:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	16.2	50		11/05/21 07:56	79-00-5	
Trichloroethene	ND	ug/L	25.0	19.2	50		11/05/21 07:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	50.0	14.9	50		11/05/21 07:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	13.0	50		11/05/21 07:56	96-18-4	
1,2,4-Trimethylbenzene	**322**	ug/L	25.0	24.8	50		11/05/21 07:56	95-63-6	
1,3,5-Trimethylbenzene	**90.0**	ug/L	25.0	16.6	50		11/05/21 07:56	108-67-8	
Vinyl chloride	ND	ug/L	50.0	19.3	50		11/05/21 07:56	75-01-4	
m&p-Xylene	**2430**	ug/L	50.0	35.4	50		11/05/21 07:56	179601-23-1	
o-Xylene	**1350**	ug/L	25.0	16.9	50		11/05/21 07:56	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		50		11/05/21 07:56	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		50		11/05/21 07:56	460-00-4	
Toluene-d8 (S)	100	%	70-130		50		11/05/21 07:56	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: EB-2-20211102 **Lab ID: 92570181015** Collected: 11/02/21 15:40 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 00:57		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 00:57		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 00:57		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 00:57		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/05/21 00:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/05/21 00:57	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 21:51	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 17:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 17:06	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 17:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 17:06	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 17:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 17:06	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 17:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 17:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 17:06	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 17:06	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 17:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 17:06	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 17:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 17:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 17:06	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 17:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 17:06	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 17:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 17:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 17:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 17:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 17:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 17:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 17:06	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: EB-2-20211102 **Lab ID: 92570181015** Collected: 11/02/21 15:40 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 17:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 17:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:06	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 17:06	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 17:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 17:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 17:06	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 17:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 17:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 17:06	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:06	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 17:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 17:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 17:06	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 17:06	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 17:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 17:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 17:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 17:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:06	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 17:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 17:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 17:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:06	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 17:06	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 17:06	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 17:06	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/04/21 17:06	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		11/04/21 17:06	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/04/21 17:06	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: FB-2-20211102 **Lab ID: 92570181016** Collected: 11/02/21 08:25 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 01:25		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 01:25		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 01:25		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 01:25		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/05/21 01:25	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/05/21 01:25	460-00-4	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 16:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 16:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 16:49	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 16:49	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 16:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 16:49	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 16:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 16:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 16:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 16:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 16:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 16:49	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 16:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 16:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 16:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 16:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 16:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 16:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 16:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 16:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 16:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 16:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 16:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 16:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 16:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 16:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:49	10061-02-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: FB-2-20211102 **Lab ID: 92570181016** Collected: 11/02/21 08:25 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 16:49	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 16:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 16:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 16:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 16:49	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 16:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 16:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:49	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 16:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 16:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 16:49	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 16:49	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 16:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 16:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 16:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 16:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 16:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 16:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 16:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 16:49	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 16:49	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 16:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		11/04/21 16:49	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/04/21 16:49	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 16:49	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: TRIP BLANK-1 **Lab ID: 92570181017** Collected: 11/02/21 00:00 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 15:56	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 15:56	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 15:56	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 15:56	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 15:56	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 15:56	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 15:56	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 15:56	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 15:56	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 15:56	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 15:56	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 15:56	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 15:56	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 15:56	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 15:56	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 15:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 15:56	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 15:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 15:56	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 15:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 15:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 15:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 15:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 15:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 15:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 15:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 15:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 15:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 15:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 15:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 15:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 15:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 15:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 15:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 15:56	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 15:56	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 15:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 15:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 15:56	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 15:56	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 15:56	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 15:56	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 15:56	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 15:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 15:56	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: TRIP BLANK-1 **Lab ID: 92570181017** Collected: 11/02/21 00:00 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 15:56	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 15:56	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 15:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 15:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 15:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 15:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 15:56	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 15:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 15:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 15:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 15:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 15:56	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 15:56	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 15:56	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 15:56	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		11/04/21 15:56	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/04/21 15:56	460-00-4	
Toluene-d8 (S)	105	%	70-130		1		11/04/21 15:56	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: TRIP BLANK-2 **Lab ID: 92570181018** Collected: 11/02/21 00:00 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 16:14	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 16:14	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 16:14	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 16:14	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 16:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 16:14	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 16:14	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 16:14	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 16:14	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 16:14	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 16:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 16:14	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 16:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 16:14	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:14	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 16:14	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 16:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 16:14	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 16:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 16:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 16:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 16:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 16:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 16:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 16:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 16:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 16:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:14	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 16:14	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 16:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 16:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 16:14	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 16:14	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 16:14	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 16:14	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:14	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 16:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 16:14	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: TRIP BLANK-2 **Lab ID: 92570181018** Collected: 11/02/21 00:00 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 16:14	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 16:14	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 16:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 16:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 16:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 16:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:14	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 16:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 16:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 16:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:14	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 16:14	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 16:14	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 16:14	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		11/04/21 16:14	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/04/21 16:14	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/04/21 16:14	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-21 **Lab ID: 92570181019** Collected: 11/02/21 15:30 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**82.5**	ug/L	50.0	50.0	1		11/05/21 01:53		N2
Aliphatic (C05-C08)	**63.7**	ug/L	50.0	50.0	1		11/05/21 01:53		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 01:53		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 01:53		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		11/05/21 01:53	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/05/21 01:53	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/03/21 03:51	11/03/21 21:55	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**10.2**	ug/L	0.50	0.34	1		11/04/21 19:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 19:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 19:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 19:45	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 19:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 19:45	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 19:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 19:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 19:45	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 19:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 19:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 19:45	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 19:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 19:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 19:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 19:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 19:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 19:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 19:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 19:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 19:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 19:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 19:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 19:45	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Sample: MW-21 **Lab ID: 92570181019** Collected: 11/02/21 15:30 Received: 11/02/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 19:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 19:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:45	10061-02-6	
Diisopropyl ether	**4.0**	ug/L	0.50	0.31	1		11/04/21 19:45	108-20-3	
Ethylbenzene	**0.34J**	ug/L	0.50	0.30	1		11/04/21 19:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 19:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 19:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 19:45	75-09-2	
Methyl-tert-butyl ether	**0.64**	ug/L	0.50	0.42	1		11/04/21 19:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 19:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:45	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 19:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 19:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 19:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 19:45	127-18-4	
Toluene	**5.1**	ug/L	0.50	0.48	1		11/04/21 19:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 19:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 19:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 19:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 19:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 19:45	96-18-4	
1,2,4-Trimethylbenzene	**1.0**	ug/L	0.50	0.50	1		11/04/21 19:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 19:45	75-01-4	
m&p-Xylene	**2.4**	ug/L	1.0	0.71	1		11/04/21 19:45	179601-23-1	
o-Xylene	**3.9**	ug/L	0.50	0.34	1		11/04/21 19:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		11/04/21 19:45	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/04/21 19:45	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 19:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

QC Batch: 657319 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570181001, 92570181002, 92570181003, 92570181004, 92570181005

METHOD BLANK: 3445745 Matrix: Water
Associated Lab Samples: 92570181001, 92570181002, 92570181003, 92570181004, 92570181005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/04/21 09:46	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/04/21 09:46	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		11/04/21 09:46	
4-Bromofluorobenzene (PID) (S)	%	99	70-130		11/04/21 09:46	

LABORATORY CONTROL SAMPLE & LCSD: 3445746 3445747

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	284	282	95	94	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	112	108	112	108	70-130	4	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	103	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

QC Batch: 657657 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570181006, 92570181007, 92570181008, 92570181009, 92570181010, 92570181011, 92570181012, 92570181013, 92570181015, 92570181016, 92570181019

METHOD BLANK: 3447475 Matrix: Water
Associated Lab Samples: 92570181006, 92570181007, 92570181008, 92570181009, 92570181010, 92570181011, 92570181012, 92570181013, 92570181015, 92570181016, 92570181019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/04/21 17:24	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/04/21 17:24	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		11/04/21 17:24	
4-Bromofluorobenzene (PID) (S)	%	98	70-130		11/04/21 17:24	

LABORATORY CONTROL SAMPLE & LCSD: 3447476 3447477

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	274	290	91	97	70-130	6	25	N2
Aromatic (C09-C10)	ug/L	100	105	98.3	105	98	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	99	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	90	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

QC Batch: 657981
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570181014

METHOD BLANK: 3449042 Matrix: Water
Associated Lab Samples: 92570181014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		11/05/21 16:34	
4-Bromofluorobenzene (PID) (S)	%	96	70-130		11/05/21 16:34	

LABORATORY CONTROL SAMPLE & LCSD: 3449043 3449044

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	278	283	93	94	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	103	108	103	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				105	105	70-130			
4-Bromofluorobenzene (PID) (S)	%				97	98	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

QC Batch: 657053 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92570181001, 92570181002, 92570181003, 92570181004, 92570181005, 92570181006, 92570181007, 92570181008, 92570181009, 92570181010, 92570181011, 92570181012

METHOD BLANK: 3444406 Matrix: Water
Associated Lab Samples: 92570181001, 92570181002, 92570181003, 92570181004, 92570181005, 92570181006, 92570181007, 92570181008, 92570181009, 92570181010, 92570181011, 92570181012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/03/21 19:38	

LABORATORY CONTROL SAMPLE: 3444407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	462	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3444408 3444409

Parameter	Units	92570178001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	479	464	96	93	75-125	3	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

QC Batch: 657054 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92570181013, 92570181014, 92570181015, 92570181019

METHOD BLANK: 3444410 Matrix: Water
Associated Lab Samples: 92570181013, 92570181014, 92570181015, 92570181019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/03/21 21:21	

LABORATORY CONTROL SAMPLE: 3444411

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	478	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3444412 3444413

Parameter	Units	92570181013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	473	446	95	89	75-125	6	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

QC Batch: 657124
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570181001, 92570181002, 92570181003, 92570181004, 92570181005, 92570181007, 92570181008, 92570181009, 92570181010

METHOD BLANK: 3444573 Matrix: Water
Associated Lab Samples: 92570181001, 92570181002, 92570181003, 92570181004, 92570181005, 92570181007, 92570181008, 92570181009, 92570181010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/03/21 10:44	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/03/21 10:44	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/03/21 10:44	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/03/21 10:44	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/03/21 10:44	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/03/21 10:44	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/03/21 10:44	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/03/21 10:44	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/03/21 10:44	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/03/21 10:44	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/03/21 10:44	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/03/21 10:44	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/03/21 10:44	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/03/21 10:44	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/03/21 10:44	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/03/21 10:44	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/03/21 10:44	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/03/21 10:44	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/03/21 10:44	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/03/21 10:44	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/03/21 10:44	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/03/21 10:44	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/03/21 10:44	
Benzene	ug/L	ND	0.50	0.34	11/03/21 10:44	
Bromobenzene	ug/L	ND	0.50	0.29	11/03/21 10:44	
Bromochloromethane	ug/L	ND	0.50	0.47	11/03/21 10:44	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/03/21 10:44	
Bromoform	ug/L	ND	0.50	0.34	11/03/21 10:44	
Bromomethane	ug/L	ND	5.0	1.7	11/03/21 10:44	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/03/21 10:44	
Chlorobenzene	ug/L	ND	0.50	0.28	11/03/21 10:44	
Chloroethane	ug/L	ND	1.0	0.65	11/03/21 10:44	
Chloroform	ug/L	ND	0.50	0.35	11/03/21 10:44	
Chloromethane	ug/L	ND	1.0	0.54	11/03/21 10:44	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/03/21 10:44	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/03/21 10:44	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/03/21 10:44	
Dibromomethane	ug/L	ND	0.50	0.39	11/03/21 10:44	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/03/21 10:44	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

METHOD BLANK: 3444573 Matrix: Water
Associated Lab Samples: 92570181001, 92570181002, 92570181003, 92570181004, 92570181005, 92570181007, 92570181008, 92570181009, 92570181010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	0.31	11/03/21 10:44	
Ethylbenzene	ug/L	ND	0.50	0.30	11/03/21 10:44	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/03/21 10:44	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/03/21 10:44	
m&p-Xylene	ug/L	ND	1.0	0.71	11/03/21 10:44	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/03/21 10:44	
Methylene Chloride	ug/L	ND	2.0	2.0	11/03/21 10:44	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/03/21 10:44	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/03/21 10:44	
Naphthalene	ug/L	ND	2.0	0.64	11/03/21 10:44	
o-Xylene	ug/L	ND	0.50	0.34	11/03/21 10:44	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/03/21 10:44	
Styrene	ug/L	ND	0.50	0.29	11/03/21 10:44	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/03/21 10:44	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/03/21 10:44	
Toluene	ug/L	ND	0.50	0.48	11/03/21 10:44	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/03/21 10:44	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/03/21 10:44	
Trichloroethene	ug/L	ND	0.50	0.38	11/03/21 10:44	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/03/21 10:44	
Vinyl chloride	ug/L	ND	1.0	0.39	11/03/21 10:44	
1,2-Dichloroethane-d4 (S)	%	92	70-130		11/03/21 10:44	
4-Bromofluorobenzene (S)	%	92	70-130		11/03/21 10:44	
Toluene-d8 (S)	%	95	70-130		11/03/21 10:44	

LABORATORY CONTROL SAMPLE: 3444574

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.8	108	60-140	
1,1,1-Trichloroethane	ug/L	50	49.2	98	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.3	93	60-140	
1,1,2-Trichloroethane	ug/L	50	48.5	97	60-140	
1,1-Dichloroethane	ug/L	50	42.8	86	60-140	
1,1-Dichloroethene	ug/L	50	38.7	77	60-140	
1,1-Dichloropropene	ug/L	50	45.8	92	60-140	
1,2,3-Trichlorobenzene	ug/L	50	60.6	121	60-140	
1,2,3-Trichloropropane	ug/L	50	46.3	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	61.3	123	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.3	107	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.8	100	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	53.0	106	60-140	
1,2-Dichlorobenzene	ug/L	50	56.9	114	60-140	
1,2-Dichloroethane	ug/L	50	42.1	84	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

LABORATORY CONTROL SAMPLE: 3444574

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	45.6	91	60-140	
1,3,5-Trimethylbenzene	ug/L	50	53.4	107	60-140	
1,3-Dichlorobenzene	ug/L	50	57.7	115	60-140	
1,3-Dichloropropane	ug/L	50	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	56.2	112	60-140	
2,2-Dichloropropane	ug/L	50	44.7	89	60-140	
2-Chlorotoluene	ug/L	50	53.8	108	60-140	
4-Chlorotoluene	ug/L	50	50.7	101	60-140	
Benzene	ug/L	50	46.5	93	60-140	
Bromobenzene	ug/L	50	58.3	117	60-140	
Bromochloromethane	ug/L	50	48.5	97	60-140	
Bromodichloromethane	ug/L	50	49.9	100	60-140	
Bromoform	ug/L	50	53.1	106	60-140	
Bromomethane	ug/L	50	49.6	99	60-140	
Carbon tetrachloride	ug/L	50	50.4	101	60-140	
Chlorobenzene	ug/L	50	53.8	108	60-140	
Chloroethane	ug/L	50	52.6	105	60-140	
Chloroform	ug/L	50	44.9	90	60-140	
Chloromethane	ug/L	50	41.5	83	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.2	86	60-140	
cis-1,3-Dichloropropene	ug/L	50	46.9	94	60-140	
Dibromochloromethane	ug/L	50	53.5	107	60-140	
Dibromomethane	ug/L	50	53.4	107	60-140	
Dichlorodifluoromethane	ug/L	50	60.3	121	60-140	
Diisopropyl ether	ug/L	50	39.0	78	60-140	
Ethylbenzene	ug/L	50	52.6	105	60-140	
Hexachloro-1,3-butadiene	ug/L	50	65.4	131	60-140	
Isopropylbenzene (Cumene)	ug/L	50	55.7	111	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	41.2	82	60-140	
Methylene Chloride	ug/L	50	44.6	89	60-140	
n-Butylbenzene	ug/L	50	53.7	107	60-140	
n-Propylbenzene	ug/L	50	51.5	103	60-140	
Naphthalene	ug/L	50	54.7	109	60-140	
o-Xylene	ug/L	50	53.8	108	60-140	
sec-Butylbenzene	ug/L	50	54.3	109	60-140	
Styrene	ug/L	50	54.0	108	60-140	
tert-Butylbenzene	ug/L	50	45.6	91	60-140	
Tetrachloroethene	ug/L	50	55.4	111	60-140	
Toluene	ug/L	50	46.2	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.1	90	60-140	
trans-1,3-Dichloropropene	ug/L	50	46.5	93	60-140	
Trichloroethene	ug/L	50	55.0	110	60-140	
Trichlorofluoromethane	ug/L	50	47.0	94	60-140	
Vinyl chloride	ug/L	50	48.3	97	60-140	
1,2-Dichloroethane-d4 (S)	%			84	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

LABORATORY CONTROL SAMPLE: 3444574

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3444575 3444576

Parameter	Units	92570178003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	20.4	97	102	60-140	5	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	18.0	19.2	90	96	60-140	6	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	16.5	17.7	83	88	60-140	7	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	17.0	18.2	85	91	60-140	7	30	
1,1-Dichloroethane	ug/L	ND	20	20	16.1	16.9	81	84	60-140	4	30	
1,1-Dichloroethene	ug/L	ND	20	20	16.0	15.1	80	75	60-140	6	30	
1,1-Dichloropropene	ug/L	ND	20	20	16.6	17.9	83	89	60-140	8	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.9	21.3	95	107	60-140	12	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	16.1	16.9	81	84	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.2	21.3	96	106	60-140	10	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.0	20.2	95	101	60-140	6	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.5	17.9	88	89	60-140	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.9	19.3	94	97	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.1	20.4	95	102	60-140	7	30	
1,2-Dichloroethane	ug/L	ND	20	20	14.5	16.0	72	80	60-140	10	30	
1,2-Dichloropropane	ug/L	ND	20	20	15.9	17.3	79	86	60-140	8	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.4	19.7	92	99	60-140	7	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	19.2	20.2	96	101	60-140	5	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.2	18.1	86	90	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.8	20.5	94	103	60-140	9	30	
2,2-Dichloropropane	ug/L	ND	20	20	16.0	17.0	80	85	60-140	6	30	
2-Chlorotoluene	ug/L	ND	20	20	18.2	19.5	91	98	60-140	7	30	
4-Chlorotoluene	ug/L	ND	20	20	16.7	18.7	84	93	60-140	11	30	
Benzene	ug/L	ND	20	20	16.6	17.5	83	87	60-140	5	30	
Bromobenzene	ug/L	ND	20	20	20.7	22.1	103	111	60-140	7	30	
Bromochloromethane	ug/L	ND	20	20	18.3	19.4	92	97	60-140	6	30	
Bromodichloromethane	ug/L	ND	20	20	16.8	17.8	84	89	60-140	6	30	
Bromoform	ug/L	ND	20	20	17.2	18.0	86	90	60-140	5	30	
Bromomethane	ug/L	ND	20	20	14.8	18.5	74	93	60-140	23	30	
Carbon tetrachloride	ug/L	ND	20	20	18.4	20.4	92	102	60-140	10	30	
Chlorobenzene	ug/L	ND	20	20	19.1	20.0	96	100	60-140	4	30	
Chloroethane	ug/L	ND	20	20	17.0	19.5	85	98	60-140	14	30	
Chloroform	ug/L	ND	20	20	16.9	17.6	85	88	60-140	4	30	
Chloromethane	ug/L	ND	20	20	14.7	16.2	74	81	60-140	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	15.7	17.2	79	86	60-140	9	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	16.2	16.9	81	85	60-140	4	30	
Dibromochloromethane	ug/L	ND	20	20	18.8	19.6	94	98	60-140	4	30	
Dibromomethane	ug/L	ND	20	20	19.3	20.8	97	104	60-140	7	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3444575 3444576

Parameter	Units	92570178003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	19.4	21.7	97	108	60-140	11	30	
Diisopropyl ether	ug/L	ND	20	20	14.2	14.9	71	75	60-140	5	30	
Ethylbenzene	ug/L	ND	20	20	19.0	19.9	95	99	60-140	4	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.0	24.8	110	124	60-140	12	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.0	21.0	100	105	60-140	5	30	
m&p-Xylene	ug/L	ND	40	40	36.8	38.3	92	96	60-140	4	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	15.3	16.2	76	81	60-140	6	30	
Methylene Chloride	ug/L	ND	20	20	16.1	17.0	81	85	60-140	6	30	
n-Butylbenzene	ug/L	ND	20	20	17.4	19.2	87	96	60-140	10	30	
n-Propylbenzene	ug/L	ND	20	20	17.8	19.2	89	96	60-140	7	30	
Naphthalene	ug/L	ND	20	20	16.5	18.4	82	92	60-140	11	30	
o-Xylene	ug/L	ND	20	20	19.1	20.4	96	102	60-140	6	30	
sec-Butylbenzene	ug/L	ND	20	20	18.9	20.2	94	101	60-140	7	30	
Styrene	ug/L	ND	20	20	17.8	18.9	89	95	60-140	6	30	
tert-Butylbenzene	ug/L	ND	20	20	16.0	17.7	80	89	60-140	10	30	
Tetrachloroethene	ug/L	ND	20	20	20.7	21.7	103	109	60-140	5	30	
Toluene	ug/L	ND	20	20	16.9	18.1	85	90	60-140	7	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	16.4	17.6	82	88	60-140	7	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	15.2	16.9	76	84	60-140	10	30	
Trichloroethene	ug/L	ND	20	20	20.4	21.8	102	109	60-140	7	30	
Trichlorofluoromethane	ug/L	ND	20	20	15.1	16.5	75	83	60-140	9	30	
Vinyl chloride	ug/L	ND	20	20	17.4	19.1	87	95	60-140	9	30	
1,2-Dichloroethane-d4 (S)	%						86	82	70-130			
4-Bromofluorobenzene (S)	%						96	95	70-130			
Toluene-d8 (S)	%						95	95	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

QC Batch: 657515
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570181011, 92570181012, 92570181013, 92570181015, 92570181016, 92570181017, 92570181018, 92570181019

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570181011, 92570181012, 92570181013, 92570181015, 92570181016, 92570181017, 92570181018, 92570181019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/04/21 15:21	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/04/21 15:21	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/04/21 15:21	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/04/21 15:21	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/04/21 15:21	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/04/21 15:21	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/04/21 15:21	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/04/21 15:21	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/04/21 15:21	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/04/21 15:21	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/04/21 15:21	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/04/21 15:21	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/04/21 15:21	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Benzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromobenzene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Bromochloromethane	ug/L	ND	0.50	0.47	11/04/21 15:21	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
Bromoform	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromomethane	ug/L	ND	5.0	1.7	11/04/21 15:21	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/04/21 15:21	
Chlorobenzene	ug/L	ND	0.50	0.28	11/04/21 15:21	
Chloroethane	ug/L	ND	1.0	0.65	11/04/21 15:21	
Chloroform	ug/L	ND	0.50	0.35	11/04/21 15:21	
Chloromethane	ug/L	ND	1.0	0.54	11/04/21 15:21	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromomethane	ug/L	ND	0.50	0.39	11/04/21 15:21	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/04/21 15:21	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570181011, 92570181012, 92570181013, 92570181015, 92570181016, 92570181017, 92570181018, 92570181019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	0.31	11/04/21 15:21	
Ethylbenzene	ug/L	ND	0.50	0.30	11/04/21 15:21	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/04/21 15:21	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/04/21 15:21	
m&p-Xylene	ug/L	ND	1.0	0.71	11/04/21 15:21	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/04/21 15:21	
Methylene Chloride	ug/L	ND	2.0	2.0	11/04/21 15:21	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/04/21 15:21	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Naphthalene	ug/L	ND	2.0	0.64	11/04/21 15:21	
o-Xylene	ug/L	ND	0.50	0.34	11/04/21 15:21	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/04/21 15:21	
Styrene	ug/L	ND	0.50	0.29	11/04/21 15:21	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Toluene	ug/L	ND	0.50	0.48	11/04/21 15:21	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/04/21 15:21	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Trichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/04/21 15:21	
Vinyl chloride	ug/L	ND	1.0	0.39	11/04/21 15:21	
1,2-Dichloroethane-d4 (S)	%	98	70-130		11/04/21 15:21	
4-Bromofluorobenzene (S)	%	98	70-130		11/04/21 15:21	
Toluene-d8 (S)	%	102	70-130		11/04/21 15:21	

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.5	103	60-140	
1,1,1-Trichloroethane	ug/L	50	56.1	112	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	53.9	108	60-140	
1,1-Dichloroethane	ug/L	50	52.6	105	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	57.4	115	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.7	103	60-140	
1,2,3-Trichloropropane	ug/L	50	47.2	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.9	106	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.9	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.0	102	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.6	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	53.2	106	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	53.1	106	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,3-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,3-Dichloropropane	ug/L	50	50.8	102	60-140	
1,4-Dichlorobenzene	ug/L	50	49.2	98	60-140	
2,2-Dichloropropane	ug/L	50	58.1	116	60-140	
2-Chlorotoluene	ug/L	50	49.9	100	60-140	
4-Chlorotoluene	ug/L	50	47.2	94	60-140	
Benzene	ug/L	50	51.0	102	60-140	
Bromobenzene	ug/L	50	49.7	99	60-140	
Bromochloromethane	ug/L	50	53.7	107	60-140	
Bromodichloromethane	ug/L	50	50.2	100	60-140	
Bromoform	ug/L	50	53.3	107	60-140	
Bromomethane	ug/L	50	60.5	121	60-140	
Carbon tetrachloride	ug/L	50	57.0	114	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	52.2	104	60-140	
Chloroform	ug/L	50	52.2	104	60-140	
Chloromethane	ug/L	50	55.4	111	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.4	109	60-140	
Dibromomethane	ug/L	50	49.9	100	60-140	
Dichlorodifluoromethane	ug/L	50	58.6	117	60-140	
Diisopropyl ether	ug/L	50	56.8	114	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	57.8	116	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	56.5	113	60-140	
Methylene Chloride	ug/L	50	52.3	105	60-140	
n-Butylbenzene	ug/L	50	52.0	104	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	51.3	103	60-140	
o-Xylene	ug/L	50	48.1	96	60-140	
sec-Butylbenzene	ug/L	50	49.1	98	60-140	
Styrene	ug/L	50	51.6	103	60-140	
tert-Butylbenzene	ug/L	50	41.9	84	60-140	
Tetrachloroethene	ug/L	50	50.0	100	60-140	
Toluene	ug/L	50	48.7	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.3	107	60-140	
Trichloroethene	ug/L	50	52.6	105	60-140	
Trichlorofluoromethane	ug/L	50	49.9	100	60-140	
Vinyl chloride	ug/L	50	53.7	107	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	20.4	97	102	60-140	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.1	23.7	121	118	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.7	20.2	99	101	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.5	21.5	113	107	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.3	23.9	121	119	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.6	24.1	118	120	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	22.5	123	112	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.9	19.9	94	100	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.6	22.7	118	113	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.7	20.5	103	103	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	20.8	96	104	60-140	8	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.0	21.1	100	105	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.7	19.9	99	99	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.4	22.0	107	110	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.3	21.1	106	106	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.2	20.6	101	103	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.9	20.2	104	101	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.5	24.7	122	124	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	19.9	20.5	100	103	60-140	3	30	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.9	97	99	60-140	2	30	
Benzene	ug/L	ND	20	20	21.7	22.3	109	112	60-140	3	30	
Bromobenzene	ug/L	ND	20	20	20.7	20.3	104	102	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	22.7	22.0	114	110	60-140	3	30	
Bromodichloromethane	ug/L	ND	20	20	21.2	21.6	106	108	60-140	2	30	
Bromoform	ug/L	ND	20	20	19.5	20.0	98	100	60-140	3	30	
Bromomethane	ug/L	ND	20	20	27.5	26.8	137	134	60-140	2	30	
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.8	123	124	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Chloroethane	ug/L	ND	20	20	24.7	22.7	124	114	60-140	8	30	
Chloroform	ug/L	ND	20	20	21.7	21.8	109	109	60-140	1	30	
Chloromethane	ug/L	ND	20	20	22.5	20.7	113	103	60-140	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.3	21.7	112	108	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	20.8	21.0	104	105	60-140	1	30	
Dibromomethane	ug/L	ND	20	20	21.1	21.0	106	105	60-140	1	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	25.9	25.1	130	125	60-140	3	30	
Diisopropyl ether	ug/L	ND	20	20	20.7	21.4	103	107	60-140	3	30	
Ethylbenzene	ug/L	ND	20	20	20.0	20.7	100	103	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.1	27.3	146	136	60-140	7	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.7	21.8	104	109	60-140	5	30	
m&p-Xylene	ug/L	ND	40	40	40.0	41.9	100	105	60-140	5	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.4	22.1	107	111	60-140	3	30	
Methylene Chloride	ug/L	ND	20	20	21.6	21.3	108	107	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	23.9	22.6	120	113	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	20.9	21.0	104	105	60-140	1	30	
Naphthalene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
o-Xylene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
sec-Butylbenzene	ug/L	ND	20	20	22.4	21.6	112	108	60-140	3	30	
Styrene	ug/L	ND	20	20	20.0	20.8	100	104	60-140	3	30	
tert-Butylbenzene	ug/L	ND	20	20	18.1	17.7	91	88	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	20.4	21.2	102	106	60-140	3	30	
Toluene	ug/L	ND	20	20	20.8	21.2	104	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.3	23.1	116	115	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	21.7	104	108	60-140	4	30	
Trichloroethene	ug/L	ND	20	20	22.7	22.9	113	114	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	30	
Vinyl chloride	ug/L	ND	20	20	23.3	22.6	117	113	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						98	99	70-130			
4-Bromofluorobenzene (S)	%						100	99	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

QC Batch: 657526
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570181006, 92570181014

METHOD BLANK: 3446752 Matrix: Water
Associated Lab Samples: 92570181006, 92570181014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/05/21 00:07	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/05/21 00:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/05/21 00:07	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/05/21 00:07	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/05/21 00:07	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/05/21 00:07	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/05/21 00:07	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/05/21 00:07	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/05/21 00:07	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/05/21 00:07	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/05/21 00:07	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/05/21 00:07	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/05/21 00:07	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/05/21 00:07	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/05/21 00:07	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/05/21 00:07	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/05/21 00:07	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/05/21 00:07	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/05/21 00:07	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 00:07	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 00:07	
Benzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
Bromobenzene	ug/L	ND	0.50	0.29	11/05/21 00:07	
Bromochloromethane	ug/L	ND	0.50	0.47	11/05/21 00:07	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/05/21 00:07	
Bromoform	ug/L	ND	0.50	0.34	11/05/21 00:07	
Bromomethane	ug/L	ND	5.0	1.7	11/05/21 00:07	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/05/21 00:07	
Chlorobenzene	ug/L	ND	0.50	0.28	11/05/21 00:07	
Chloroethane	ug/L	ND	1.0	0.65	11/05/21 00:07	
Chloroform	ug/L	ND	0.50	0.35	11/05/21 00:07	
Chloromethane	ug/L	ND	1.0	0.54	11/05/21 00:07	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/05/21 00:07	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 00:07	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/05/21 00:07	
Dibromomethane	ug/L	ND	0.50	0.39	11/05/21 00:07	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/05/21 00:07	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/05/21 00:07	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

METHOD BLANK: 3446752 Matrix: Water
Associated Lab Samples: 92570181006, 92570181014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/05/21 00:07	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/05/21 00:07	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/05/21 00:07	
m&p-Xylene	ug/L	ND	1.0	0.71	11/05/21 00:07	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/05/21 00:07	
Methylene Chloride	ug/L	ND	2.0	2.0	11/05/21 00:07	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/05/21 00:07	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
Naphthalene	ug/L	ND	2.0	0.64	11/05/21 00:07	
o-Xylene	ug/L	ND	0.50	0.34	11/05/21 00:07	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/05/21 00:07	
Styrene	ug/L	ND	0.50	0.29	11/05/21 00:07	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/05/21 00:07	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/05/21 00:07	
Toluene	ug/L	ND	0.50	0.48	11/05/21 00:07	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/05/21 00:07	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 00:07	
Trichloroethene	ug/L	ND	0.50	0.38	11/05/21 00:07	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/05/21 00:07	
Vinyl chloride	ug/L	ND	1.0	0.39	11/05/21 00:07	
1,2-Dichloroethane-d4 (S)	%	102	70-130		11/05/21 00:07	
4-Bromofluorobenzene (S)	%	97	70-130		11/05/21 00:07	
Toluene-d8 (S)	%	100	70-130		11/05/21 00:07	

LABORATORY CONTROL SAMPLE: 3446753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.8	94	60-140	
1,1,1-Trichloroethane	ug/L	50	46.5	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.7	91	60-140	
1,1,2-Trichloroethane	ug/L	50	45.0	90	60-140	
1,1-Dichloroethane	ug/L	50	46.3	93	60-140	
1,1-Dichloroethene	ug/L	50	47.1	94	60-140	
1,1-Dichloropropene	ug/L	50	47.5	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.7	95	60-140	
1,2,3-Trichloropropane	ug/L	50	42.8	86	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.1	94	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.2	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	50.6	101	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	45.7	91	60-140	
1,2-Dichlorobenzene	ug/L	50	45.9	92	60-140	
1,2-Dichloroethane	ug/L	50	42.0	84	60-140	
1,2-Dichloropropane	ug/L	50	45.3	91	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.8	92	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

LABORATORY CONTROL SAMPLE: 3446753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	44.5	89	60-140	
1,3-Dichloropropane	ug/L	50	45.4	91	60-140	
1,4-Dichlorobenzene	ug/L	50	45.0	90	60-140	
2,2-Dichloropropane	ug/L	50	47.1	94	60-140	
2-Chlorotoluene	ug/L	50	47.3	95	60-140	
4-Chlorotoluene	ug/L	50	44.1	88	60-140	
Benzene	ug/L	50	45.3	91	60-140	
Bromobenzene	ug/L	50	46.0	92	60-140	
Bromochloromethane	ug/L	50	44.5	89	60-140	
Bromodichloromethane	ug/L	50	45.8	92	60-140	
Bromoform	ug/L	50	49.4	99	60-140	
Bromomethane	ug/L	50	52.0	104	60-140	
Carbon tetrachloride	ug/L	50	47.2	94	60-140	
Chlorobenzene	ug/L	50	46.1	92	60-140	
Chloroethane	ug/L	50	59.1	118	60-140	
Chloroform	ug/L	50	46.7	93	60-140	
Chloromethane	ug/L	50	48.8	98	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.6	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.3	91	60-140	
Dibromochloromethane	ug/L	50	50.1	100	60-140	
Dibromomethane	ug/L	50	44.7	89	60-140	
Dichlorodifluoromethane	ug/L	50	60.9	122	60-140	
Diisopropyl ether	ug/L	50	42.3	85	60-140	
Ethylbenzene	ug/L	50	45.9	92	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.4	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.9	96	60-140	
m&p-Xylene	ug/L	100	93.1	93	60-140	
Methyl-tert-butyl ether	ug/L	50	43.5	87	60-140	
Methylene Chloride	ug/L	50	49.8	100	60-140	
n-Butylbenzene	ug/L	50	45.6	91	60-140	
n-Propylbenzene	ug/L	50	45.3	91	60-140	
Naphthalene	ug/L	50	47.0	94	60-140	
o-Xylene	ug/L	50	45.4	91	60-140	
sec-Butylbenzene	ug/L	50	45.4	91	60-140	
Styrene	ug/L	50	46.9	94	60-140	
tert-Butylbenzene	ug/L	50	37.5	75	60-140	
Tetrachloroethene	ug/L	50	47.8	96	60-140	
Toluene	ug/L	50	45.0	90	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	45.8	92	60-140	
Trichlorofluoromethane	ug/L	50	51.1	102	60-140	
Vinyl chloride	ug/L	50	50.4	101	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446754 3446755

Parameter	Units	92569752001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	97.8	100	98	100	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	110	110	110	110	60-140	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	94.3	92.2	94	92	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	93.2	93.1	93	93	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	100	100	103	105	103	105	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,1-Dichloropropene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,2,3-Trichlorobenzene	ug/L	ND	100	100	96.6	94.3	97	94	60-140	2	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	84.4	85.9	84	86	60-140	2	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	93.7	100	94	100	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	100	100	45.0	44.6	45	45	60-140	1	30	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	90.7	89.5	91	89	60-140	1	30	
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	93.5	93.5	93	94	60-140	0	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	94.2	93.5	94	94	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	100	100	96.9	95.7	97	96	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	100	100	101	97.5	101	97	60-140	3	30	
1,3,5-Trimethylbenzene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,3-Dichlorobenzene	ug/L	ND	100	100	93.0	93.3	93	93	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	100	100	90.8	94.7	91	95	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	94.9	91.9	95	92	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	100	100	90.7	90.8	91	91	60-140	0	30	
2-Chlorotoluene	ug/L	ND	100	100	103	102	103	102	60-140	1	30	
4-Chlorotoluene	ug/L	ND	100	100	93.8	94.0	94	94	60-140	0	30	
Benzene	ug/L	19.7	100	100	119	120	99	100	60-140	1	30	
Bromobenzene	ug/L	ND	100	100	98.2	96.7	98	97	60-140	2	30	
Bromochloromethane	ug/L	ND	100	100	100	97.8	100	98	60-140	2	30	
Bromodichloromethane	ug/L	ND	100	100	100	95.8	100	96	60-140	4	30	
Bromoform	ug/L	ND	100	100	87.5	84.0	88	84	60-140	4	30	
Bromomethane	ug/L	ND	100	100	70.2	73.4	70	73	60-140	5	30	
Carbon tetrachloride	ug/L	ND	100	100	101	103	101	103	60-140	3	30	
Chlorobenzene	ug/L	ND	100	100	99.5	101	99	101	60-140	2	30	
Chloroethane	ug/L	ND	100	100	158	156	158	156	60-140	1	30	M1
Chloroform	ug/L	ND	100	100	105	104	104	103	60-140	1	30	
Chloromethane	ug/L	ND	100	100	169	183	169	183	60-140	8	30	M1
cis-1,2-Dichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
cis-1,3-Dichloropropene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
Dibromochloromethane	ug/L	ND	100	100	92.0	94.6	92	95	60-140	3	30	
Dibromomethane	ug/L	ND	100	100	94.4	91.3	94	91	60-140	3	30	
Dichlorodifluoromethane	ug/L	ND	100	100	153	159	153	159	60-140	4	30	M1
Diisopropyl ether	ug/L	ND	100	100	91.8	93.3	92	93	60-140	2	30	
Ethylbenzene	ug/L	ND	100	100	82.3	83.8	82	84	60-140	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	102	102	102	102	60-140	0	30	
Isopropylbenzene (Cumene)	ug/L	ND	100	100	84.4	86.1	84	86	60-140	2	30	
m&p-Xylene	ug/L	ND	200	200	175	177	87	89	60-140	1	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446754 3446755

Parameter	Units	92569752001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	100	100	97.3	96.8	97	97	60-140	0	30	
Methylene Chloride	ug/L	ND	100	100	122	119	122	119	60-140	3	30	
n-Butylbenzene	ug/L	ND	100	100	80.9	82.5	81	82	60-140	2	30	
n-Propylbenzene	ug/L	ND	100	100	86.5	85.6	86	86	60-140	1	30	
Naphthalene	ug/L	ND	100	100	48.6	49.0	49	49	60-140	1	30	M1
o-Xylene	ug/L	ND	100	100	90.4	90.0	89	89	60-140	0	30	
sec-Butylbenzene	ug/L	ND	100	100	89.8	91.1	90	91	60-140	1	30	
Styrene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
tert-Butylbenzene	ug/L	ND	100	100	83.7	84.1	84	84	60-140	0	30	
Tetrachloroethene	ug/L	ND	100	100	35.3	37.8	35	38	60-140	7	30	M1
Toluene	ug/L	ND	100	100	94.1	97.4	93	96	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
trans-1,3-Dichloropropene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
Trichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
Trichlorofluoromethane	ug/L	ND	100	100	115	114	115	114	60-140	0	30	
Vinyl chloride	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,2-Dichloroethane-d4 (S)	%						106	110	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						100	101	70-130			

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Huntersville, NC 28078
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QUALIFIERS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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Huntersville, NC 28078
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570181001	MW-81	MADEP VPH	657319		
92570181002	MW-31D	MADEP VPH	657319		
92570181003	MW-79	MADEP VPH	657319		
92570181004	MW-82	MADEP VPH	657319		
92570181005	MW-77	MADEP VPH	657319		
92570181006	MW-19	MADEP VPH	657657		
92570181007	MW-81D	MADEP VPH	657657		
92570181008	MW-80	MADEP VPH	657657		
92570181009	MW-84	MADEP VPH	657657		
92570181010	MW-23	MADEP VPH	657657		
92570181011	MW-31	MADEP VPH	657657		
92570181012	MW-78	MADEP VPH	657657		
92570181013	MW-79D	MADEP VPH	657657		
92570181014	DUP-2-20211102	MADEP VPH	657981		
92570181015	EB-2-20211102	MADEP VPH	657657		
92570181016	FB-2-20211102	MADEP VPH	657657		
92570181019	MW-21	MADEP VPH	657657		
92570181001	MW-81	EPA 3010A	657053	EPA 6010D	657072
92570181002	MW-31D	EPA 3010A	657053	EPA 6010D	657072
92570181003	MW-79	EPA 3010A	657053	EPA 6010D	657072
92570181004	MW-82	EPA 3010A	657053	EPA 6010D	657072
92570181005	MW-77	EPA 3010A	657053	EPA 6010D	657072
92570181006	MW-19	EPA 3010A	657053	EPA 6010D	657072
92570181007	MW-81D	EPA 3010A	657053	EPA 6010D	657072
92570181008	MW-80	EPA 3010A	657053	EPA 6010D	657072
92570181009	MW-84	EPA 3010A	657053	EPA 6010D	657072
92570181010	MW-23	EPA 3010A	657053	EPA 6010D	657072
92570181011	MW-31	EPA 3010A	657053	EPA 6010D	657072
92570181012	MW-78	EPA 3010A	657053	EPA 6010D	657072
92570181013	MW-79D	EPA 3010A	657054	EPA 6010D	657073
92570181014	DUP-2-20211102	EPA 3010A	657054	EPA 6010D	657073
92570181015	EB-2-20211102	EPA 3010A	657054	EPA 6010D	657073
92570181019	MW-21	EPA 3010A	657054	EPA 6010D	657073
92570181001	MW-81	SM 6200B	657124		
92570181002	MW-31D	SM 6200B	657124		
92570181003	MW-79	SM 6200B	657124		
92570181004	MW-82	SM 6200B	657124		
92570181005	MW-77	SM 6200B	657124		
92570181006	MW-19	SM 6200B	657526		
92570181007	MW-81D	SM 6200B	657124		
92570181008	MW-80	SM 6200B	657124		
92570181009	MW-84	SM 6200B	657124		
92570181010	MW-23	SM 6200B	657124		
92570181011	MW-31	SM 6200B	657515		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570181

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570181012	**MW-78**	SM 6200B	657515		
92570181013	**MW-79D**	SM 6200B	657515		
92570181014	**DUP-2-20211102**	SM 6200B	657526		
92570181015	**EB-2-20211102**	SM 6200B	657515		
92570181016	**FB-2-20211102**	SM 6200B	657515		
92570181017	**TRIP BLANK-1**	SM 6200B	657515		
92570181018	**TRIP BLANK-2**	SM 6200B	657515		
92570181019	**MW-21**	SM 6200B	657515		

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Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: AECOM

Project #: **WO# : 92570181**

92570181

Courier: ☐ Commercial ☐ Fed Ex ☐ Pace ☐ UPS ☐ USPS ☐ Other:____ ☒ Client

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials Person Examining Contents: 11-2-21 SC

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer: ☐ IR Gun ID: ☒ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 3.8, 0.9, 4.8 Correction Factor: Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 3.8, 0.9, 4.8

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☒ Yes	☒ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☒ No	☐ N/A	10.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: BV Date: 11/3/21

Project Manager SRF Review: BV Date: 11/3/21

Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project

WO#: 92570181

PM: BV **Due Date: 11/05/21**

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						✓										7												
2						✓										7												
3						✓										7												
4						✓										7												
5						✓										7												
6						✓										7												
7						✓										7												
8						✓										7												
9						✓										7												
10						✓										7												
11						✓										7												
12						✓										7												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

WO# : 92570181

PM: BV Due Date: 11/05/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7												
2						1										7												
3						1										7												
4						1										7												
5																2												
6						1										7												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Green

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Page : 1 Of 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	AECOM	Report To:	Andrew Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
Suite 200, Charlotte, NC 28226				Address:	
Email:	andrew.wreschnig@aecom.com	Purchase Order #:		Pace Quote:	
Phone:	(704)522-0330 Fax:	Project Name:	CPC Huntersville 60639876	Pace Project Manager:	bonnie.vang@pacelabs.com,
Requested Due Date:	3-Day TAT	Project #:		Pace Profile #:	12518-3

Regulatory Agency	
State / Location	NC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	6200	VPH	Lead; Total	Trip BLANK	DI Water	Residual Chlorine (Y/N)	925710181
1	MW-81	WT	G	11/2/21	0955				8			1	1						X	X	X				3-Day TAT 001
2	MW-31D				0940																				002
3	MW-79				1015																				003
4	MW-82				1110																				004
5	MW-77				1130																				005
6	MW-19				1105																				006
7	MW-81D				1150																				007
8	MW-80				1310																				008
9	MW-84				1350																				009
10	MW-23				1325																				010
11	MW-31				1435																				011 1435
12	MW-78				1445																				012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3-Day TAT	Mike deKoelowski / AECOM	11/2/21	1720	Pace / Williams Seals	11-2-21	17:20	4.8	Y	N	Y

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Mike deKoelowski		
SIGNATURE of SAMPLER:	Mike deKoelowski	DATE Signed:	11/2/21

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Green

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Page : 2 of 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	AECOM	Report To:	Andrew Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
	Suite 200, Charlotte, NC 28226			Address:	
Email:	andrew.wreschnig@aecom.com	Purchase Order #:		Pace Quote:	
Phone:	(704)522-0330 Fax	Project Name:	CPC Huntersville 60639876	Pace Project Manager:	bonnie.vang@pacelabs.com,
Requested Due Date:	3-Day TAT	Project #:		Pace Profile #:	12518-3

Regulatory Agency

State / Location: NC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analyses Test: 6200	VPH	Lead; Total	Trip BLANK	DI Water	Residual Chlorine (Y/N)	92570101
1	MW-79D	WT	G	11/2/21	1545				8			1	7						X	X	X				3-Day TAT 013
2	DUP-2-20211102	"	"	"	--				1			1	1						"	"	"				014
3	EB-2-20211102	"	"	"	1540				1			1	1						"	"	"				015
4	FB-2-20211102	"	"	"	0825				7				7						X	X					016
5	Trip Blank	Lab Provided							2 4mL													X			017
6	MW-21	WT	G	11/2/21	1530				8			1	7						X	X	X				019
7																									018 - extra TB
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3-Day TAT	Mike de Kozlowski / AECOM	11/2/21	1720	Pace	11-2-21	17:29	0.2	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mike de Kozlowski

SIGNATURE of SAMPLER: Mike de Kozlowski

DATE Signed: 11/2/21

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 08, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on November 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92570483001	MW-34	Water	11/03/21 09:45	11/03/21 17:00
92570483002	MW-94	Water	11/03/21 09:50	11/03/21 17:00
92570483003	MW-53	Water	11/03/21 10:10	11/03/21 17:00
92570483004	MW-97D	Water	11/03/21 10:45	11/03/21 17:00
92570483005	MW-93	Water	11/03/21 10:55	11/03/21 17:00
92570483006	MW-87	Water	11/03/21 10:40	11/03/21 17:00
92570483007	MW-33	Water	11/03/21 11:45	11/03/21 17:00
92570483008	MW-20	Water	11/03/21 11:30	11/03/21 17:00
92570483009	MW-88	Water	11/03/21 12:30	11/03/21 17:00
92570483010	MW-69	Water	11/03/21 12:00	11/03/21 17:00
92570483011	MW-27	Water	11/03/21 12:20	11/03/21 17:00
92570483012	MW-07D	Water	11/03/21 12:35	11/03/21 17:00
92570483013	MW-25	Water	11/03/21 14:00	11/03/21 17:00
92570483014	MW-61D	Water	11/03/21 13:50	11/03/21 17:00
92570483015	MW-92	Water	11/03/21 14:00	11/03/21 17:00
92570483016	MW-32	Water	11/03/21 14:05	11/03/21 17:00
92570483017	MW-89D	Water	11/03/21 14:35	11/03/21 17:00
92570483018	MW-43	Water	11/03/21 14:30	11/03/21 17:00
92570483019	MW-89	Water	11/03/21 14:40	11/03/21 17:00
92570483020	MW-71	Water	11/03/21 15:30	11/03/21 17:00
92570483021	DUP-2-20211103	Water	11/03/21 00:00	11/03/21 17:00
92570483022	DUP-1-20211103	Water	11/03/21 00:00	11/03/21 17:00
92570483023	FB-1-202211103	Water	11/03/21 15:15	11/03/21 17:00
92570483024	FB-2-202211103	Water	11/03/21 15:30	11/03/21 17:00
92570483025	EB-1-20211103	Water	11/03/21 15:30	11/03/21 17:00
92570483026	EB-2-20211103	Water	11/03/21 15:15	11/03/21 17:00
92570483027	MW-41	Water	11/03/21 15:35	11/03/21 17:00
92570483028	TRIP BLANK	Water	11/03/21 00:00	11/03/21 17:00

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92570483001	**MW-34**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483002	**MW-94**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483003	**MW-53**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483004	**MW-97D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483005	**MW-93**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483006	**MW-87**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483007	**MW-33**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483008	**MW-20**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483009	**MW-88**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483010	**MW-69**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483011	**MW-27**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483012	**MW-07D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483013	**MW-25**	MADEP VPH	MAD	6	PASI-C

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483014	**MW-61D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483015	**MW-92**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483016	**MW-32**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483017	**MW-89D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483018	**MW-43**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483019	**MW-89**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483020	**MW-71**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483021	**DUP-2-20211103**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483022	**DUP-1-20211103**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483023	**FB-1-202211103**	MADEP VPH	MAD	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92570483024	**FB-2-202211103**	MADEP VPH	MAD	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92570483025	**EB-1-20211103**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483026	**EB-2-20211103**	MADEP VPH	MAD	6	PASI-C

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483027	**MW-41**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570483028	**TRIP BLANK**	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-34 **Lab ID: 92570483001** Collected: 11/03/21 09:45 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 04:46		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 04:46		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 04:46		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 04:46		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		11/05/21 04:46	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1		11/05/21 04:46	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 21:45	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 20:13	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 20:13	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 20:13	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 20:13	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 20:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 20:13	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 20:13	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 20:13	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 20:13	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 20:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 20:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 20:13	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 20:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 20:13	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:13	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 20:13	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 20:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 20:13	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 20:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 20:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 20:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 20:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 20:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 20:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 20:13	142-28-9	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-34 **Lab ID: 92570483001** Collected: 11/03/21 09:45 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 20:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 20:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:13	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 20:13	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 20:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 20:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 20:13	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 20:13	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 20:13	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 20:13	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:13	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 20:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 20:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 20:13	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 20:13	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 20:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 20:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 20:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 20:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:13	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 20:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 20:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 20:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:13	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 20:13	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 20:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 20:13	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		11/04/21 20:13	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/04/21 20:13	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 20:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-94 **Lab ID: 92570483002** Collected: 11/03/21 09:50 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 05:14		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 05:14		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 05:14		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 05:14		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		11/05/21 05:14	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1		11/05/21 05:14	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**8.4**	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 21:58	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 20:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 20:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 20:49	74-97-5	
Bromodichloromethane	**0.38J**	ug/L	0.50	0.31	1		11/04/21 20:49	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 20:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 20:49	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 20:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 20:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 20:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 20:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 20:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 20:49	75-00-3	
Chloroform	**2.3**	ug/L	0.50	0.35	1		11/04/21 20:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 20:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 20:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 20:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 20:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 20:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 20:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 20:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 20:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 20:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 20:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 20:49	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-94 **Lab ID: 92570483002** Collected: 11/03/21 09:50 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 20:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 20:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:49	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 20:49	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 20:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 20:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 20:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 20:49	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 20:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 20:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:49	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 20:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 20:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 20:49	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 20:49	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 20:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 20:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 20:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 20:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 20:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 20:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 20:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 20:49	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 20:49	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 20:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		11/04/21 20:49	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/04/21 20:49	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		11/04/21 20:49	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-53 **Lab ID: 92570483003** Collected: 11/03/21 10:10 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 05:43		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 05:43		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 05:43		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 05:43		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/05/21 05:43	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/05/21 05:43	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:01	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 19:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 19:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 19:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 19:55	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 19:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 19:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 19:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 19:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 19:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 19:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 19:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 19:55	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 19:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 19:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 19:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 19:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 19:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 19:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 19:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 19:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 19:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 19:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 19:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 19:55	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-53 **Lab ID: 92570483003** Collected: 11/03/21 10:10 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 19:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 19:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 19:55	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 19:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 19:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 19:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 19:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 19:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 19:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:55	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 19:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 19:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 19:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 19:55	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 19:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 19:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 19:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 19:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 19:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 19:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 19:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 19:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 19:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 19:55	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		11/04/21 19:55	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/04/21 19:55	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 19:55	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-97D **Lab ID: 92570483004** Collected: 11/03/21 10:45 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 06:11		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 06:11		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 06:11		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 06:11		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/05/21 06:11	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/05/21 06:11	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:04	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 21:07	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 21:07	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 21:07	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 21:07	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 21:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 21:07	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 21:07	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 21:07	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 21:07	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 21:07	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 21:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 21:07	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 21:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 21:07	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 21:07	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 21:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 21:07	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 21:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 21:07	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 21:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 21:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 21:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 21:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 21:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 21:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 21:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 21:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 21:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 21:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 21:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 21:07	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-97D **Lab ID: 92570483004** Collected: 11/03/21 10:45 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 21:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 21:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 21:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 21:07	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 21:07	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 21:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 21:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 21:07	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 21:07	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 21:07	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 21:07	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 21:07	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 21:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 21:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 21:07	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 21:07	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 21:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 21:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 21:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 21:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 21:07	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 21:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 21:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 21:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 21:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 21:07	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 21:07	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 21:07	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 21:07	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		11/04/21 21:07	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/04/21 21:07	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 21:07	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-93 **Lab ID: 92570483005** Collected: 11/03/21 10:55 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 06:39		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 06:39		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 06:39		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 06:39		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		11/05/21 06:39	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1		11/05/21 06:39	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:08	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 16:01	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 16:01	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 16:01	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 16:01	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 16:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 16:01	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 16:01	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 16:01	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 16:01	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 16:01	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 16:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 16:01	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 16:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 16:01	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:01	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 16:01	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 16:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 16:01	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 16:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 16:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 16:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 16:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 16:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 16:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 16:01	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-93 **Lab ID: 92570483005** Collected: 11/03/21 10:55 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 16:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 16:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:01	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 16:01	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 16:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 16:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 16:01	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 16:01	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 16:01	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 16:01	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:01	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 16:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 16:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 16:01	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 16:01	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 16:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 16:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 16:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 16:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:01	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 16:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 16:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 16:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:01	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 16:01	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 16:01	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 16:01	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		11/04/21 16:01	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		11/04/21 16:01	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 16:01	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-87 **Lab ID: 92570483006** Collected: 11/03/21 10:40 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 07:08		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 07:08		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 07:08		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 07:08		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/05/21 07:08	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/05/21 07:08	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:11	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 22:36	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 22:36	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 22:36	74-97-5	
Bromodichloromethane	**0.50J**	ug/L	0.50	0.31	1		11/05/21 22:36	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 22:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 22:36	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 22:36	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 22:36	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 22:36	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 22:36	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 22:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 22:36	75-00-3	
Chloroform	**4.2**	ug/L	0.50	0.35	1		11/05/21 22:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 22:36	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 22:36	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 22:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 22:36	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 22:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 22:36	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 22:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 22:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 22:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 22:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 22:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 22:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 22:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 22:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 22:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 22:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 22:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 22:36	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-87 **Lab ID: 92570483006** Collected: 11/03/21 10:40 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 22:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 22:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 22:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 22:36	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 22:36	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 22:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 22:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 22:36	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 22:36	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 22:36	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 22:36	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 22:36	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 22:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 22:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 22:36	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 22:36	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 22:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 22:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 22:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 22:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 22:36	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 22:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 22:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 22:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 22:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 22:36	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 22:36	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 22:36	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 22:36	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		11/05/21 22:36	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/05/21 22:36	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/05/21 22:36	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-33 **Lab ID: 92570483007** Collected: 11/03/21 11:45 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 07:36		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 07:36		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 07:36		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 07:36		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/05/21 07:36	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/05/21 07:36	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:21	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 16:19	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 16:19	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 16:19	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 16:19	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 16:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 16:19	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 16:19	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 16:19	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 16:19	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 16:19	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 16:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 16:19	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 16:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 16:19	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:19	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 16:19	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 16:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 16:19	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 16:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 16:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 16:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 16:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 16:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 16:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 16:19	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-33 **Lab ID: 92570483007** Collected: 11/03/21 11:45 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 16:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 16:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:19	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 16:19	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 16:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 16:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 16:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 16:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 16:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 16:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:19	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 16:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 16:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 16:19	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 16:19	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 16:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 16:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 16:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 16:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:19	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 16:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 16:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 16:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 16:19	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 16:19	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 16:19	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		11/04/21 16:19	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/04/21 16:19	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/04/21 16:19	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-20 **Lab ID: 92570483008** Collected: 11/03/21 11:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 08:04		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 08:04		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 08:04		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 08:04		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/05/21 08:04	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/05/21 08:04	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:24	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 16:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 16:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 16:37	74-97-5	
Bromodichloromethane	**0.77**	ug/L	0.50	0.31	1		11/04/21 16:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 16:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 16:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 16:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 16:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 16:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 16:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 16:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 16:37	75-00-3	
Chloroform	**4.2**	ug/L	0.50	0.35	1		11/04/21 16:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 16:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 16:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 16:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 16:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 16:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 16:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 16:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 16:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 16:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 16:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 16:37	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-20 **Lab ID: 92570483008** Collected: 11/03/21 11:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 16:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 16:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:37	10061-02-6	
Diisopropyl ether	**0.64**	ug/L	0.50	0.31	1		11/04/21 16:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 16:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 16:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 16:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 16:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 16:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 16:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 16:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 16:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 16:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 16:37	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 16:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 16:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 16:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 16:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 16:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 16:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 16:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 16:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 16:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 16:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		11/04/21 16:37	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/04/21 16:37	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/04/21 16:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-88 **Lab ID: 92570483009** Collected: 11/03/21 12:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 08:33		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 08:33		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 08:33		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 08:33		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	105	%	70-130		1		11/05/21 08:33	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		11/05/21 08:33	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**15.3**	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:27	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 16:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 16:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 16:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 16:55	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 16:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 16:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 16:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 16:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 16:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 16:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 16:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 16:55	75-00-3	
Chloroform	**1.1**	ug/L	0.50	0.35	1		11/04/21 16:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 16:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 16:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 16:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 16:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 16:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 16:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 16:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 16:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 16:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 16:55	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-88 **Lab ID: 92570483009** Collected: 11/03/21 12:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 16:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 16:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 16:55	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 16:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 16:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 16:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 16:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 16:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 16:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:55	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 16:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 16:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 16:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 16:55	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 16:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 16:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 16:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 16:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 16:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 16:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 16:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 16:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 16:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 16:55	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		11/04/21 16:55	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/04/21 16:55	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/04/21 16:55	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-69 **Lab ID: 92570483010** Collected: 11/03/21 12:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 09:01		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 09:01		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 09:01		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 09:01		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		11/05/21 09:01	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		11/05/21 09:01	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**5.3**	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:30	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 17:13	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 17:13	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 17:13	74-97-5	
Bromodichloromethane	**1.3**	ug/L	0.50	0.31	1		11/04/21 17:13	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 17:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 17:13	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 17:13	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 17:13	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 17:13	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 17:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 17:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 17:13	75-00-3	
Chloroform	**8.4**	ug/L	0.50	0.35	1		11/04/21 17:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 17:13	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:13	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 17:13	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 17:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 17:13	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 17:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 17:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 17:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 17:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 17:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 17:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 17:13	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-69 **Lab ID: 92570483010** Collected: 11/03/21 12:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 17:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 17:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:13	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 17:13	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 17:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 17:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 17:13	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 17:13	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 17:13	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 17:13	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:13	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 17:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 17:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 17:13	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 17:13	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 17:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 17:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 17:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 17:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:13	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 17:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 17:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 17:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:13	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 17:13	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 17:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 17:13	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		11/04/21 17:13	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/04/21 17:13	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/04/21 17:13	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-27 **Lab ID: 92570483011** Collected: 11/03/21 12:20 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 09:29		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 09:29		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 09:29		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 09:29		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		11/05/21 09:29	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		11/05/21 09:29	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**5.0**	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:33	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 17:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 17:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 17:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 17:31	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 17:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 17:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 17:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 17:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 17:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 17:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 17:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 17:31	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 17:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 17:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 17:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 17:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 17:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 17:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 17:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 17:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 17:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 17:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 17:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 17:31	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-27 **Lab ID: 92570483011** Collected: 11/03/21 12:20 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 17:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 17:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 17:31	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 17:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 17:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 17:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 17:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 17:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 17:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:31	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 17:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 17:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 17:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 17:31	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 17:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 17:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 17:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 17:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 17:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 17:31	96-18-4	
1,2,4-Trimethylbenzene	**0.89**	ug/L	0.50	0.50	1		11/04/21 17:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 17:31	75-01-4	
m&p-Xylene	**1.0**	ug/L	1.0	0.71	1		11/04/21 17:31	179601-23-1	
o-Xylene	**0.51**	ug/L	0.50	0.34	1		11/04/21 17:31	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		11/04/21 17:31	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/04/21 17:31	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		11/04/21 17:31	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-07D **Lab ID: 92570483012** Collected: 11/03/21 12:35 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**176**	ug/L	50.0	50.0	1		11/05/21 09:57		N2
Aliphatic (C05-C08)	**151**	ug/L	50.0	50.0	1		11/05/21 09:57		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 09:57		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 09:57		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/05/21 09:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/05/21 09:57	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:37	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**28.0**	ug/L	0.50	0.34	1		11/04/21 17:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 17:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 17:49	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 17:49	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 17:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 17:49	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 17:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 17:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 17:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 17:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 17:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 17:49	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 17:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 17:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 17:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 17:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 17:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 17:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 17:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 17:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 17:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 17:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 17:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 17:49	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-07D **Lab ID: 92570483012** Collected: 11/03/21 12:35 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 17:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 17:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:49	10061-02-6	
Diisopropyl ether	**15.3**	ug/L	0.50	0.31	1		11/04/21 17:49	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 17:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 17:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 17:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 17:49	75-09-2	
Methyl-tert-butyl ether	**6.9**	ug/L	0.50	0.42	1		11/04/21 17:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 17:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:49	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 17:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 17:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 17:49	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 17:49	127-18-4	
Toluene	**0.92**	ug/L	0.50	0.48	1		11/04/21 17:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 17:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 17:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 17:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 17:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 17:49	96-18-4	
1,2,4-Trimethylbenzene	**1.3**	ug/L	0.50	0.50	1		11/04/21 17:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 17:49	75-01-4	
m&p-Xylene	**3.3**	ug/L	1.0	0.71	1		11/04/21 17:49	179601-23-1	
o-Xylene	**5.7**	ug/L	0.50	0.34	1		11/04/21 17:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		11/04/21 17:49	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/04/21 17:49	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/04/21 17:49	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-25 **Lab ID: 92570483013** Collected: 11/03/21 14:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**2230**	ug/L	50.0	50.0	1		11/05/21 10:26		N2
Aliphatic (C05-C08)	**1720**	ug/L	50.0	50.0	1		11/05/21 10:26		N2
Aliphatic(C09-C12) Adjusted	**450**	ug/L	50.0	50.0	1		11/05/21 10:26		N2
Aromatic (C09-C10)	**65.1**	ug/L	50.0	50.0	1		11/05/21 10:26		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/05/21 10:26	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/05/21 10:26	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**20.4**	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:40	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**151**	ug/L	0.50	0.34	1		11/04/21 21:25	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 21:25	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 21:25	74-97-5	
Bromodichloromethane	**0.39J**	ug/L	0.50	0.31	1		11/04/21 21:25	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 21:25	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 21:25	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 21:25	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 21:25	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 21:25	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 21:25	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 21:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 21:25	75-00-3	M1
Chloroform	**2.4**	ug/L	0.50	0.35	1		11/04/21 21:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 21:25	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 21:25	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 21:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 21:25	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 21:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 21:25	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 21:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 21:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 21:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 21:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 21:25	75-71-8	M1
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 21:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 21:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 21:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 21:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 21:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 21:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 21:25	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-25 **Lab ID: 92570483013** Collected: 11/03/21 14:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 21:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 21:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 21:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 21:25	10061-02-6	
Diisopropyl ether	**15.6**	ug/L	0.50	0.31	1		11/04/21 21:25	108-20-3	
Ethylbenzene	**6.1**	ug/L	0.50	0.30	1		11/04/21 21:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 21:25	87-68-3	
Isopropylbenzene (Cumene)	**1.2**	ug/L	0.50	0.33	1		11/04/21 21:25	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 21:25	75-09-2	
Methyl-tert-butyl ether	**0.69**	ug/L	0.50	0.42	1		11/04/21 21:25	1634-04-4	
Naphthalene	**4.3**	ug/L	2.0	0.64	1		11/04/21 21:25	91-20-3	
n-Propylbenzene	**1.7**	ug/L	0.50	0.34	1		11/04/21 21:25	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 21:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 21:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 21:25	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 21:25	127-18-4	
Toluene	**177**	ug/L	0.50	0.48	1		11/04/21 21:25	108-88-3	M1
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 21:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 21:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 21:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 21:25	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 21:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 21:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 21:25	96-18-4	
1,2,4-Trimethylbenzene	**22.2**	ug/L	0.50	0.50	1		11/04/21 21:25	95-63-6	
1,3,5-Trimethylbenzene	**6.1**	ug/L	0.50	0.33	1		11/04/21 21:25	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 21:25	75-01-4	
m&p-Xylene	**142**	ug/L	1.0	0.71	1		11/04/21 21:25	179601-23-1	
o-Xylene	**86.1**	ug/L	0.50	0.34	1		11/04/21 21:25	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		11/04/21 21:25	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/04/21 21:25	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/04/21 21:25	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-61D **Lab ID: 92570483014** Collected: 11/03/21 13:50 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 10:54		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 10:54		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 10:54		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 10:54		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/05/21 10:54	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/05/21 10:54	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:43	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 18:07	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 18:07	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 18:07	74-97-5	
Bromodichloromethane	**1.3**	ug/L	0.50	0.31	1		11/04/21 18:07	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 18:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 18:07	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 18:07	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 18:07	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 18:07	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 18:07	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 18:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 18:07	75-00-3	
Chloroform	**6.3**	ug/L	0.50	0.35	1		11/04/21 18:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 18:07	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 18:07	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 18:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 18:07	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 18:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 18:07	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 18:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 18:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 18:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 18:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 18:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 18:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 18:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 18:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 18:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 18:07	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-61D **Lab ID: 92570483014** Collected: 11/03/21 13:50 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 18:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 18:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 18:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 18:07	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 18:07	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 18:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 18:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 18:07	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 18:07	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 18:07	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 18:07	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:07	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 18:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 18:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 18:07	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 18:07	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 18:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 18:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 18:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 18:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 18:07	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 18:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 18:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 18:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 18:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 18:07	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 18:07	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 18:07	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 18:07	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		11/04/21 18:07	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/04/21 18:07	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/04/21 18:07	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-92 **Lab ID: 92570483015** Collected: 11/03/21 14:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 17:30		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 17:30		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 17:30		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 17:30		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/05/21 17:30	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/05/21 17:30	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:46	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 18:25	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 18:25	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 18:25	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 18:25	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 18:25	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 18:25	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 18:25	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 18:25	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 18:25	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 18:25	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 18:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 18:25	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 18:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 18:25	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 18:25	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 18:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 18:25	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 18:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 18:25	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 18:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 18:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 18:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 18:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 18:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 18:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 18:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 18:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 18:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 18:25	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-92 **Lab ID: 92570483015** Collected: 11/03/21 14:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 18:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 18:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 18:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 18:25	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 18:25	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 18:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 18:25	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 18:25	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 18:25	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 18:25	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 18:25	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:25	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 18:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 18:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 18:25	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 18:25	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 18:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 18:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 18:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 18:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 18:25	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 18:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 18:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 18:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 18:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 18:25	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 18:25	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 18:25	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 18:25	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		11/04/21 18:25	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/04/21 18:25	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/04/21 18:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-32 **Lab ID: 92570483016** Collected: 11/03/21 14:05 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 17:58		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 17:58		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 17:58		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 17:58		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/05/21 17:58	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/05/21 17:58	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:49	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 18:43	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 18:43	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 18:43	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 18:43	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 18:43	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 18:43	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 18:43	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 18:43	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 18:43	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 18:43	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 18:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 18:43	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 18:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 18:43	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 18:43	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 18:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 18:43	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 18:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 18:43	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 18:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 18:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 18:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 18:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 18:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 18:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 18:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 18:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 18:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 18:43	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-32 **Lab ID: 92570483016** Collected: 11/03/21 14:05 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 18:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 18:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 18:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 18:43	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 18:43	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 18:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 18:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 18:43	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 18:43	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 18:43	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 18:43	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:43	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 18:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 18:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 18:43	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 18:43	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 18:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 18:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 18:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 18:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 18:43	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 18:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 18:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 18:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 18:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 18:43	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 18:43	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 18:43	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 18:43	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		11/04/21 18:43	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/04/21 18:43	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/04/21 18:43	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-89D **Lab ID: 92570483017** Collected: 11/03/21 14:35 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 18:27		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 18:27		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 18:27		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 18:27		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		11/05/21 18:27	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/05/21 18:27	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 22:59	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 19:19	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 19:19	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 19:19	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 19:19	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 19:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 19:19	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 19:19	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 19:19	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 19:19	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 19:19	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 19:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 19:19	75-00-3	
Chloroform	**1.7**	ug/L	0.50	0.35	1		11/04/21 19:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 19:19	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:19	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 19:19	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 19:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 19:19	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 19:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 19:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 19:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 19:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 19:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 19:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 19:19	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-89D **Lab ID: 92570483017** Collected: 11/03/21 14:35 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 19:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 19:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:19	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 19:19	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 19:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 19:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 19:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 19:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 19:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 19:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:19	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 19:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 19:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 19:19	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 19:19	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 19:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 19:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 19:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 19:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:19	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 19:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 19:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 19:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 19:19	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 19:19	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 19:19	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		11/04/21 19:19	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/04/21 19:19	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/04/21 19:19	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-43 **Lab ID: 92570483018** Collected: 11/03/21 14:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 18:55		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 18:55		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 18:55		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 18:55		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/05/21 18:55	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		11/05/21 18:55	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 23:02	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 19:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 19:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 19:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 19:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 19:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 19:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 19:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 19:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 19:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 19:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 19:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 19:37	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 19:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 19:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 19:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 19:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 19:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 19:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 19:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 19:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 19:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 19:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 19:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 19:37	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-43 **Lab ID: 92570483018** Collected: 11/03/21 14:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 19:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 19:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 19:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 19:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 19:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 19:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 19:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 19:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 19:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 19:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 19:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 19:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 19:37	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 19:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 19:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 19:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 19:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:37	79-01-6	
Trichlorofluoromethane	**0.47J**	ug/L	1.0	0.30	1		11/04/21 19:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 19:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 19:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 19:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 19:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 19:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		11/04/21 19:37	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/04/21 19:37	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/04/21 19:37	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-89 **Lab ID: 92570483019** Collected: 11/03/21 14:40 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 19:23		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 19:23		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 19:23		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 19:23		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/05/21 19:23	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/05/21 19:23	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**15.6**	ug/L	5.0	4.5	1	11/04/21 16:09	11/08/21 11:14	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 19:01	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 19:01	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 19:01	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 19:01	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 19:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 19:01	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 19:01	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 19:01	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 19:01	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 19:01	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 19:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 19:01	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 19:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 19:01	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:01	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 19:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 19:01	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 19:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 19:01	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 19:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 19:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 19:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 19:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 19:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 19:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 19:01	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-89 **Lab ID: 92570483019** Collected: 11/03/21 14:40 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 19:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 19:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 19:01	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 19:01	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 19:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 19:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 19:01	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 19:01	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 19:01	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 19:01	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 19:01	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 19:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 19:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 19:01	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 19:01	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 19:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 19:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 19:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 19:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 19:01	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 19:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 19:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 19:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 19:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 19:01	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 19:01	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 19:01	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 19:01	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		11/04/21 19:01	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/04/21 19:01	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/04/21 19:01	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-71 **Lab ID: 92570483020** Collected: 11/03/21 15:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**61.2**	ug/L	50.0	50.0	1		11/05/21 19:51		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 19:51		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 19:51		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 19:51		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/05/21 19:51	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/05/21 19:51	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/07/21 23:09	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**5.6**	ug/L	0.50	0.34	1		11/05/21 22:54	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 22:54	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 22:54	74-97-5	
Bromodichloromethane	**0.32J**	ug/L	0.50	0.31	1		11/05/21 22:54	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 22:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 22:54	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 22:54	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 22:54	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 22:54	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 22:54	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 22:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 22:54	75-00-3	
Chloroform	**2.7**	ug/L	0.50	0.35	1		11/05/21 22:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 22:54	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 22:54	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 22:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 22:54	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 22:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 22:54	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 22:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 22:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 22:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 22:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 22:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 22:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 22:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 22:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 22:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 22:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 22:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 22:54	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-71 **Lab ID: 92570483020** Collected: 11/03/21 15:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 22:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 22:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 22:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 22:54	10061-02-6	
Diisopropyl ether	**7.5**	ug/L	0.50	0.31	1		11/05/21 22:54	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 22:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 22:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 22:54	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 22:54	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 22:54	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 22:54	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 22:54	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 22:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 22:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 22:54	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 22:54	127-18-4	
Toluene	**3.2**	ug/L	0.50	0.48	1		11/05/21 22:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 22:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 22:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 22:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 22:54	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 22:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 22:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 22:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 22:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 22:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 22:54	75-01-4	
m&p-Xylene	**3.8**	ug/L	1.0	0.71	1		11/05/21 22:54	179601-23-1	
o-Xylene	**2.9**	ug/L	0.50	0.34	1		11/05/21 22:54	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		11/05/21 22:54	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/05/21 22:54	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		11/05/21 22:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: DUP-2-20211103 **Lab ID: 92570483021** Collected: 11/03/21 00:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 20:20		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 20:20		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 20:20		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 20:20		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/05/21 20:20	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/05/21 20:20	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/05/21 19:09	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 08:32	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 08:32	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 08:32	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 08:32	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 08:32	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 08:32	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 08:32	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 08:32	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 08:32	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 08:32	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 08:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 08:32	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 08:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 08:32	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 08:32	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 08:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 08:32	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 08:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 08:32	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 08:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 08:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 08:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 08:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 08:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 08:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 08:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 08:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 08:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 08:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 08:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 08:32	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: DUP-2-20211103 **Lab ID: 92570483021** Collected: 11/03/21 00:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 08:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 08:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 08:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 08:32	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 08:32	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 08:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 08:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 08:32	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 08:32	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 08:32	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 08:32	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 08:32	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 08:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 08:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 08:32	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 08:32	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 08:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 08:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 08:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 08:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 08:32	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 08:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 08:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 08:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 08:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 08:32	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 08:32	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 08:32	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 08:32	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		11/05/21 08:32	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/05/21 08:32	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/05/21 08:32	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: DUP-1-20211103 **Lab ID: 92570483022** Collected: 11/03/21 00:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**202**	ug/L	50.0	50.0	1		11/05/21 20:48		N2
Aliphatic (C05-C08)	**176**	ug/L	50.0	50.0	1		11/05/21 20:48		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 20:48		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 20:48		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/05/21 20:48	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/05/21 20:48	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/05/21 19:35	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**29.9**	ug/L	0.50	0.34	1		11/05/21 08:50	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 08:50	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 08:50	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 08:50	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 08:50	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 08:50	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 08:50	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 08:50	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 08:50	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 08:50	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 08:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 08:50	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 08:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 08:50	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 08:50	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 08:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 08:50	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 08:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 08:50	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 08:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 08:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 08:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 08:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 08:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 08:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 08:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 08:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 08:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 08:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 08:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 08:50	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: DUP-1-20211103 **Lab ID: 92570483022** Collected: 11/03/21 00:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 08:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 08:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 08:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 08:50	10061-02-6	
Diisopropyl ether	**15.8**	ug/L	0.50	0.31	1		11/05/21 08:50	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 08:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 08:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 08:50	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 08:50	75-09-2	
Methyl-tert-butyl ether	**7.2**	ug/L	0.50	0.42	1		11/05/21 08:50	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 08:50	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 08:50	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 08:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 08:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 08:50	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 08:50	127-18-4	
Toluene	**1.1**	ug/L	0.50	0.48	1		11/05/21 08:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 08:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 08:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 08:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 08:50	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 08:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 08:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 08:50	96-18-4	
1,2,4-Trimethylbenzene	**1.4**	ug/L	0.50	0.50	1		11/05/21 08:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 08:50	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 08:50	75-01-4	
m&p-Xylene	**3.7**	ug/L	1.0	0.71	1		11/05/21 08:50	179601-23-1	
o-Xylene	**6.5**	ug/L	0.50	0.34	1		11/05/21 08:50	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		11/05/21 08:50	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/05/21 08:50	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/05/21 08:50	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: FB-1-202211103 **Lab ID: 92570483023** Collected: 11/03/21 15:15 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 21:16		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 21:16		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 21:16		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 21:16		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/05/21 21:16	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/05/21 21:16	460-00-4	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 18:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 18:17	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 18:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 18:17	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 18:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 18:17	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 18:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 18:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 18:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 18:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 18:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 18:17	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 18:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 18:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 18:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 18:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 18:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 18:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 18:17	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 18:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 18:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 18:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 18:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 18:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 18:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 18:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 18:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 18:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 18:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 18:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 18:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 18:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 18:17	10061-02-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: FB-1-202211103 **Lab ID: 92570483023** Collected: 11/03/21 15:15 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 18:17	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 18:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 18:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 18:17	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 18:17	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 18:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 18:17	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 18:17	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 18:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 18:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 18:17	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 18:17	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 18:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 18:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 18:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 18:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 18:17	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 18:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 18:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 18:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 18:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 18:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 18:17	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 18:17	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 18:17	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		11/04/21 18:17	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/04/21 18:17	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 18:17	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: FB-2-202211103 **Lab ID: 92570483024** Collected: 11/03/21 15:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 21:44		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 21:44		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 21:44		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 21:44		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/05/21 21:44	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/05/21 21:44	460-00-4	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 17:59	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 17:59	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 17:59	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 17:59	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 17:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 17:59	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 17:59	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 17:59	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 17:59	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 17:59	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 17:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 17:59	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 17:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 17:59	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:59	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 17:59	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 17:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 17:59	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 17:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 17:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 17:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 17:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 17:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 17:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 17:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 17:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 17:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:59	10061-02-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: FB-2-202211103 **Lab ID: 92570483024** Collected: 11/03/21 15:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 17:59	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 17:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 17:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 17:59	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 17:59	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 17:59	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 17:59	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:59	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 17:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 17:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 17:59	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 17:59	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 17:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 17:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 17:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 17:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:59	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 17:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 17:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 17:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 17:59	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 17:59	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 17:59	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		11/04/21 17:59	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/04/21 17:59	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 17:59	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: EB-1-20211103 **Lab ID: 92570483025** Collected: 11/03/21 15:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 22:13		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 22:13		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 22:13		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 22:13		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/05/21 22:13	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/05/21 22:13	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/05/21 19:38	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 17:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 17:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 17:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 17:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 17:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 17:41	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 17:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 17:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 17:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 17:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 17:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 17:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 17:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 17:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 17:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 17:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 17:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 17:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 17:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 17:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 17:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 17:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 17:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 17:41	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: EB-1-20211103 **Lab ID: 92570483025** Collected: 11/03/21 15:30 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 17:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 17:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 17:41	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 17:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 17:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 17:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 17:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 17:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 17:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 17:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 17:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 17:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 17:41	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 17:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 17:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 17:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 17:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 17:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 17:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 17:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 17:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 17:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 17:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		11/04/21 17:41	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/04/21 17:41	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 17:41	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: EB-2-20211103 **Lab ID: 92570483026** Collected: 11/03/21 15:15 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 22:41		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 22:41		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 22:41		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 22:41		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/05/21 22:41	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		11/05/21 22:41	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/04/21 16:09	11/05/21 19:42	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 17:24	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 17:24	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 17:24	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 17:24	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 17:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 17:24	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 17:24	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 17:24	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 17:24	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 17:24	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 17:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 17:24	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 17:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 17:24	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:24	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 17:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 17:24	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 17:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 17:24	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 17:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 17:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 17:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 17:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 17:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 17:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 17:24	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: EB-2-20211103 **Lab ID: 92570483026** Collected: 11/03/21 15:15 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 17:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 17:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 17:24	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 17:24	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 17:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 17:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 17:24	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 17:24	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 17:24	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 17:24	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 17:24	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 17:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 17:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 17:24	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 17:24	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 17:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 17:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 17:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 17:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 17:24	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 17:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 17:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 17:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 17:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 17:24	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 17:24	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 17:24	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 17:24	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		11/04/21 17:24	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		11/04/21 17:24	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 17:24	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-41 **Lab ID: 92570483027** Collected: 11/03/21 15:35 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**1070**	ug/L	50.0	50.0	1		11/05/21 23:09		N2
Aliphatic (C05-C08)	**876**	ug/L	50.0	50.0	1		11/05/21 23:09		N2
Aliphatic(C09-C12) Adjusted	**182**	ug/L	50.0	50.0	1		11/05/21 23:09		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 23:09		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/05/21 23:09	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/05/21 23:09	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**5.4**	ug/L	5.0	4.5	1	11/04/21 16:09	11/05/21 19:45	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**94.5**	ug/L	0.50	0.34	1		11/04/21 20:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 20:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 20:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 20:31	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 20:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 20:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 20:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 20:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 20:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 20:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 20:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 20:31	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 20:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 20:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 20:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 20:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 20:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 20:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 20:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 20:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 20:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 20:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 20:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 20:31	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: MW-41 **Lab ID: 92570483027** Collected: 11/03/21 15:35 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 20:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 20:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:31	10061-02-6	
Diisopropyl ether	**21.4**	ug/L	0.50	0.31	1		11/04/21 20:31	108-20-3	
Ethylbenzene	**1.1**	ug/L	0.50	0.30	1		11/04/21 20:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 20:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 20:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 20:31	75-09-2	
Methyl-tert-butyl ether	**2.8**	ug/L	0.50	0.42	1		11/04/21 20:31	1634-04-4	
Naphthalene	**1.6J**	ug/L	2.0	0.64	1		11/04/21 20:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:31	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 20:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 20:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 20:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 20:31	127-18-4	
Toluene	**57.3**	ug/L	0.50	0.48	1		11/04/21 20:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 20:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 20:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 20:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 20:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 20:31	96-18-4	
1,2,4-Trimethylbenzene	**6.3**	ug/L	0.50	0.50	1		11/04/21 20:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 20:31	75-01-4	
m&p-Xylene	**46.2**	ug/L	1.0	0.71	1		11/04/21 20:31	179601-23-1	
o-Xylene	**39.8**	ug/L	0.50	0.34	1		11/04/21 20:31	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		11/04/21 20:31	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/04/21 20:31	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/04/21 20:31	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: TRIP BLANK **Lab ID: 92570483028** Collected: 11/03/21 00:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 16:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 16:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 16:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 16:31	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 16:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 16:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 16:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 16:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 16:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 16:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 16:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 16:31	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 16:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 16:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 16:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 16:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 16:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 16:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 16:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 16:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 16:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 16:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 16:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 16:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 16:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 16:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 16:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 16:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 16:31	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 16:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 16:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 16:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 16:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 16:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 16:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 16:31	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 16:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 16:31	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Sample: TRIP BLANK **Lab ID: 92570483028** Collected: 11/03/21 00:00 Received: 11/03/21 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 16:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 16:31	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 16:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 16:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 16:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 16:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 16:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 16:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 16:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 16:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 16:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 16:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 16:31	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 16:31	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 16:31	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		11/04/21 16:31	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/04/21 16:31	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 16:31	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

QC Batch: 657669 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570483001, 92570483002, 92570483003, 92570483004, 92570483005, 92570483006, 92570483007, 92570483008, 92570483009, 92570483010, 92570483011, 92570483012, 92570483013, 92570483014

METHOD BLANK: 3447505 Matrix: Water
Associated Lab Samples: 92570483001, 92570483002, 92570483003, 92570483004, 92570483005, 92570483006, 92570483007, 92570483008, 92570483009, 92570483010, 92570483011, 92570483012, 92570483013, 92570483014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/04/21 17:53	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/04/21 17:53	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		11/04/21 17:53	
4-Bromofluorobenzene (PID) (S)	%	97	70-130		11/04/21 17:53	

LABORATORY CONTROL SAMPLE & LCSD: 3447506 3447507

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	296	293	99	98	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	103	105	103	105	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				95	98	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

QC Batch: 657981 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570483015, 92570483016, 92570483017, 92570483018, 92570483019, 92570483020, 92570483021, 92570483022, 92570483023, 92570483024, 92570483025, 92570483026, 92570483027

METHOD BLANK: 3449042 Matrix: Water
Associated Lab Samples: 92570483015, 92570483016, 92570483017, 92570483018, 92570483019, 92570483020, 92570483021, 92570483022, 92570483023, 92570483024, 92570483025, 92570483026, 92570483027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		11/05/21 16:34	
4-Bromofluorobenzene (PID) (S)	%	96	70-130		11/05/21 16:34	

LABORATORY CONTROL SAMPLE & LCSD: 3449043 3449044

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	278	283	93	94	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	103	108	103	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				105	105	70-130			
4-Bromofluorobenzene (PID) (S)	%				97	98	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

QC Batch: 657591 — Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A — Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92570483001, 92570483002, 92570483003, 92570483004, 92570483005, 92570483006, 92570483007, 92570483008, 92570483009, 92570483010, 92570483011, 92570483012, 92570483013, 92570483014, 92570483015, 92570483016, 92570483017, 92570483018, 92570483019, 92570483020

METHOD BLANK: 3447086 — Matrix: Water

Associated Lab Samples: 92570483001, 92570483002, 92570483003, 92570483004, 92570483005, 92570483006, 92570483007, 92570483008, 92570483009, 92570483010, 92570483011, 92570483012, 92570483013, 92570483014, 92570483015, 92570483016, 92570483017, 92570483018, 92570483019, 92570483020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/07/21 21:25	

LABORATORY CONTROL SAMPLE: 3447087

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3447088 3447089

Parameter	Units	92570483001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	504	502	101	100	75-125	1	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

QC Batch: 657606 | Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A | Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92570483021, 92570483022, 92570483025, 92570483026, 92570483027

METHOD BLANK: 3447194 Matrix: Water
Associated Lab Samples: 92570483021, 92570483022, 92570483025, 92570483026, 92570483027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/05/21 19:02	

LABORATORY CONTROL SAMPLE: 3447195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3447196 3447197

Parameter	Units	92570483021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	516	497	103	99	75-125	4	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

QC Batch: 657515
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570483023, 92570483024, 92570483025, 92570483026, 92570483028

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570483023, 92570483024, 92570483025, 92570483026, 92570483028

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/04/21 15:21	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/04/21 15:21	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/04/21 15:21	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/04/21 15:21	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/04/21 15:21	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/04/21 15:21	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/04/21 15:21	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/04/21 15:21	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/04/21 15:21	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/04/21 15:21	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/04/21 15:21	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/04/21 15:21	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/04/21 15:21	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Benzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromobenzene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Bromochloromethane	ug/L	ND	0.50	0.47	11/04/21 15:21	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
Bromoform	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromomethane	ug/L	ND	5.0	1.7	11/04/21 15:21	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/04/21 15:21	
Chlorobenzene	ug/L	ND	0.50	0.28	11/04/21 15:21	
Chloroethane	ug/L	ND	1.0	0.65	11/04/21 15:21	
Chloroform	ug/L	ND	0.50	0.35	11/04/21 15:21	
Chloromethane	ug/L	ND	1.0	0.54	11/04/21 15:21	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromomethane	ug/L	ND	0.50	0.39	11/04/21 15:21	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/04/21 15:21	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/04/21 15:21	

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570483023, 92570483024, 92570483025, 92570483026, 92570483028

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/04/21 15:21	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/04/21 15:21	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/04/21 15:21	
m&p-Xylene	ug/L	ND	1.0	0.71	11/04/21 15:21	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/04/21 15:21	
Methylene Chloride	ug/L	ND	2.0	2.0	11/04/21 15:21	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/04/21 15:21	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Naphthalene	ug/L	ND	2.0	0.64	11/04/21 15:21	
o-Xylene	ug/L	ND	0.50	0.34	11/04/21 15:21	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/04/21 15:21	
Styrene	ug/L	ND	0.50	0.29	11/04/21 15:21	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Toluene	ug/L	ND	0.50	0.48	11/04/21 15:21	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/04/21 15:21	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Trichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/04/21 15:21	
Vinyl chloride	ug/L	ND	1.0	0.39	11/04/21 15:21	
1,2-Dichloroethane-d4 (S)	%	98	70-130		11/04/21 15:21	
4-Bromofluorobenzene (S)	%	98	70-130		11/04/21 15:21	
Toluene-d8 (S)	%	102	70-130		11/04/21 15:21	

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.5	103	60-140	
1,1,1-Trichloroethane	ug/L	50	56.1	112	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	53.9	108	60-140	
1,1-Dichloroethane	ug/L	50	52.6	105	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	57.4	115	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.7	103	60-140	
1,2,3-Trichloropropane	ug/L	50	47.2	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.9	106	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.9	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.0	102	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.6	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	53.2	106	60-140	
1,2-Dichloropropane	ug/L	50	53.1	106	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.9	100	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,3-Dichloropropane	ug/L	50	50.8	102	60-140	
1,4-Dichlorobenzene	ug/L	50	49.2	98	60-140	
2,2-Dichloropropane	ug/L	50	58.1	116	60-140	
2-Chlorotoluene	ug/L	50	49.9	100	60-140	
4-Chlorotoluene	ug/L	50	47.2	94	60-140	
Benzene	ug/L	50	51.0	102	60-140	
Bromobenzene	ug/L	50	49.7	99	60-140	
Bromochloromethane	ug/L	50	53.7	107	60-140	
Bromodichloromethane	ug/L	50	50.2	100	60-140	
Bromoform	ug/L	50	53.3	107	60-140	
Bromomethane	ug/L	50	60.5	121	60-140	
Carbon tetrachloride	ug/L	50	57.0	114	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	52.2	104	60-140	
Chloroform	ug/L	50	52.2	104	60-140	
Chloromethane	ug/L	50	55.4	111	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.4	109	60-140	
Dibromomethane	ug/L	50	49.9	100	60-140	
Dichlorodifluoromethane	ug/L	50	58.6	117	60-140	
Diisopropyl ether	ug/L	50	56.8	114	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	57.8	116	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	56.5	113	60-140	
Methylene Chloride	ug/L	50	52.3	105	60-140	
n-Butylbenzene	ug/L	50	52.0	104	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	51.3	103	60-140	
o-Xylene	ug/L	50	48.1	96	60-140	
sec-Butylbenzene	ug/L	50	49.1	98	60-140	
Styrene	ug/L	50	51.6	103	60-140	
tert-Butylbenzene	ug/L	50	41.9	84	60-140	
Tetrachloroethene	ug/L	50	50.0	100	60-140	
Toluene	ug/L	50	48.7	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.3	107	60-140	
Trichloroethene	ug/L	50	52.6	105	60-140	
Trichlorofluoromethane	ug/L	50	49.9	100	60-140	
Vinyl chloride	ug/L	50	53.7	107	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			97	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	20.4	97	102	60-140	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.1	23.7	121	118	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.7	20.2	99	101	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.5	21.5	113	107	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.3	23.9	121	119	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.6	24.1	118	120	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	22.5	123	112	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.9	19.9	94	100	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.6	22.7	118	113	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.7	20.5	103	103	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	20.8	96	104	60-140	8	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.0	21.1	100	105	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.7	19.9	99	99	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.4	22.0	107	110	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.3	21.1	106	106	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.2	20.6	101	103	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.9	20.2	104	101	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.5	24.7	122	124	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	19.9	20.5	100	103	60-140	3	30	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.9	97	99	60-140	2	30	
Benzene	ug/L	ND	20	20	21.7	22.3	109	112	60-140	3	30	
Bromobenzene	ug/L	ND	20	20	20.7	20.3	104	102	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	22.7	22.0	114	110	60-140	3	30	
Bromodichloromethane	ug/L	ND	20	20	21.2	21.6	106	108	60-140	2	30	
Bromoform	ug/L	ND	20	20	19.5	20.0	98	100	60-140	3	30	
Bromomethane	ug/L	ND	20	20	27.5	26.8	137	134	60-140	2	30	
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.8	123	124	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Chloroethane	ug/L	ND	20	20	24.7	22.7	124	114	60-140	8	30	
Chloroform	ug/L	ND	20	20	21.7	21.8	109	109	60-140	1	30	
Chloromethane	ug/L	ND	20	20	22.5	20.7	113	103	60-140	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.3	21.7	112	108	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	20.8	21.0	104	105	60-140	1	30	
Dibromomethane	ug/L	ND	20	20	21.1	21.0	106	105	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	25.9	25.1	130	125	60-140	3	30	
Diisopropyl ether	ug/L	ND	20	20	20.7	21.4	103	107	60-140	3	30	
Ethylbenzene	ug/L	ND	20	20	20.0	20.7	100	103	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.1	27.3	146	136	60-140	7	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.7	21.8	104	109	60-140	5	30	
m&p-Xylene	ug/L	ND	40	40	40.0	41.9	100	105	60-140	5	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	21.4	22.1	107	111	60-140	3	30	
Methylene Chloride	ug/L	ND	20	20	21.6	21.3	108	107	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	23.9	22.6	120	113	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	20.9	21.0	104	105	60-140	1	30	
Naphthalene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
o-Xylene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
sec-Butylbenzene	ug/L	ND	20	20	22.4	21.6	112	108	60-140	3	30	
Styrene	ug/L	ND	20	20	20.0	20.8	100	104	60-140	3	30	
tert-Butylbenzene	ug/L	ND	20	20	18.1	17.7	91	88	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	20.4	21.2	102	106	60-140	3	30	
Toluene	ug/L	ND	20	20	20.8	21.2	104	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.3	23.1	116	115	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	21.7	104	108	60-140	4	30	
Trichloroethene	ug/L	ND	20	20	22.7	22.9	113	114	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	30	
Vinyl chloride	ug/L	ND	20	20	23.3	22.6	117	113	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						98	99	70-130			
4-Bromofluorobenzene (S)	%						100	99	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

QC Batch: 657525
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570483001, 92570483002, 92570483003, 92570483004, 92570483005, 92570483007, 92570483008, 92570483009, 92570483010, 92570483011, 92570483012, 92570483013, 92570483014, 92570483015, 92570483016, 92570483017, 92570483018, 92570483019, 92570483027

METHOD BLANK: 3446739
Matrix: Water
Associated Lab Samples: 92570483001, 92570483002, 92570483003, 92570483004, 92570483005, 92570483007, 92570483008, 92570483009, 92570483010, 92570483011, 92570483012, 92570483013, 92570483014, 92570483015, 92570483016, 92570483017, 92570483018, 92570483019, 92570483027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/04/21 13:56	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/04/21 13:56	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/04/21 13:56	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/04/21 13:56	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/04/21 13:56	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/04/21 13:56	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/04/21 13:56	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/04/21 13:56	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/04/21 13:56	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/04/21 13:56	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/04/21 13:56	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/04/21 13:56	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/04/21 13:56	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 13:56	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/04/21 13:56	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/04/21 13:56	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/04/21 13:56	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 13:56	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/04/21 13:56	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/04/21 13:56	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/04/21 13:56	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 13:56	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 13:56	
Benzene	ug/L	ND	0.50	0.34	11/04/21 13:56	
Bromobenzene	ug/L	ND	0.50	0.29	11/04/21 13:56	
Bromochloromethane	ug/L	ND	0.50	0.47	11/04/21 13:56	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/04/21 13:56	
Bromoform	ug/L	ND	0.50	0.34	11/04/21 13:56	
Bromomethane	ug/L	ND	5.0	1.7	11/04/21 13:56	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/04/21 13:56	
Chlorobenzene	ug/L	ND	0.50	0.28	11/04/21 13:56	
Chloroethane	ug/L	ND	1.0	0.65	11/04/21 13:56	
Chloroform	ug/L	ND	0.50	0.35	11/04/21 13:56	
Chloromethane	ug/L	ND	1.0	0.54	11/04/21 13:56	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/04/21 13:56	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 13:56	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/04/21 13:56	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

METHOD BLANK: 3446739 Matrix: Water

Associated Lab Samples: 92570483001, 92570483002, 92570483003, 92570483004, 92570483005, 92570483007, 92570483008, 92570483009, 92570483010, 92570483011, 92570483012, 92570483013, 92570483014, 92570483015, 92570483016, 92570483017, 92570483018, 92570483019, 92570483027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	0.50	0.39	11/04/21 13:56	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/04/21 13:56	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/04/21 13:56	
Ethylbenzene	ug/L	ND	0.50	0.30	11/04/21 13:56	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/04/21 13:56	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/04/21 13:56	
m&p-Xylene	ug/L	ND	1.0	0.71	11/04/21 13:56	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/04/21 13:56	
Methylene Chloride	ug/L	ND	2.0	2.0	11/04/21 13:56	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/04/21 13:56	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/04/21 13:56	
Naphthalene	ug/L	ND	2.0	0.64	11/04/21 13:56	
o-Xylene	ug/L	ND	0.50	0.34	11/04/21 13:56	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/04/21 13:56	
Styrene	ug/L	ND	0.50	0.29	11/04/21 13:56	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/04/21 13:56	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/04/21 13:56	
Toluene	ug/L	ND	0.50	0.48	11/04/21 13:56	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/04/21 13:56	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 13:56	
Trichloroethene	ug/L	ND	0.50	0.38	11/04/21 13:56	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/04/21 13:56	
Vinyl chloride	ug/L	ND	1.0	0.39	11/04/21 13:56	
1,2-Dichloroethane-d4 (S)	%	102	70-130		11/04/21 13:56	
4-Bromofluorobenzene (S)	%	97	70-130		11/04/21 13:56	
Toluene-d8 (S)	%	101	70-130		11/04/21 13:56	

LABORATORY CONTROL SAMPLE: 3446740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.0	100	60-140	
1,1,1-Trichloroethane	ug/L	50	47.8	96	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.4	95	60-140	
1,1,2-Trichloroethane	ug/L	50	46.6	93	60-140	
1,1-Dichloroethane	ug/L	50	47.5	95	60-140	
1,1-Dichloroethene	ug/L	50	49.1	98	60-140	
1,1-Dichloropropene	ug/L	50	48.3	97	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.9	98	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.6	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.1	92	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.8	100	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

LABORATORY CONTROL SAMPLE: 3446740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	47.5	95	60-140	
1,2-Dichlorobenzene	ug/L	50	47.6	95	60-140	
1,2-Dichloroethane	ug/L	50	44.4	89	60-140	
1,2-Dichloropropane	ug/L	50	46.3	93	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.9	96	60-140	
1,3-Dichlorobenzene	ug/L	50	46.5	93	60-140	
1,3-Dichloropropane	ug/L	50	46.3	93	60-140	
1,4-Dichlorobenzene	ug/L	50	47.4	95	60-140	
2,2-Dichloropropane	ug/L	50	50.8	102	60-140	
2-Chlorotoluene	ug/L	50	49.3	99	60-140	
4-Chlorotoluene	ug/L	50	46.3	93	60-140	
Benzene	ug/L	50	48.0	96	60-140	
Bromobenzene	ug/L	50	47.4	95	60-140	
Bromochloromethane	ug/L	50	46.1	92	60-140	
Bromodichloromethane	ug/L	50	48.1	96	60-140	
Bromoform	ug/L	50	51.1	102	60-140	
Bromomethane	ug/L	50	52.9	106	60-140	
Carbon tetrachloride	ug/L	50	49.9	100	60-140	
Chlorobenzene	ug/L	50	48.1	96	60-140	
Chloroethane	ug/L	50	64.4	129	60-140	
Chloroform	ug/L	50	46.7	93	60-140	
Chloromethane	ug/L	50	53.3	107	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.8	96	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.3	95	60-140	
Dibromochloromethane	ug/L	50	53.0	106	60-140	
Dibromomethane	ug/L	50	45.4	91	60-140	
Dichlorodifluoromethane	ug/L	50	69.6	139	60-140	
Diisopropyl ether	ug/L	50	44.9	90	60-140	
Ethylbenzene	ug/L	50	48.6	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	52.2	104	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.1	102	60-140	
m&p-Xylene	ug/L	100	99.6	100	60-140	
Methyl-tert-butyl ether	ug/L	50	45.3	91	60-140	
Methylene Chloride	ug/L	50	50.8	102	60-140	
n-Butylbenzene	ug/L	50	48.4	97	60-140	
n-Propylbenzene	ug/L	50	47.7	95	60-140	
Naphthalene	ug/L	50	47.0	94	60-140	
o-Xylene	ug/L	50	47.7	95	60-140	
sec-Butylbenzene	ug/L	50	47.4	95	60-140	
Styrene	ug/L	50	50.0	100	60-140	
tert-Butylbenzene	ug/L	50	39.9	80	60-140	
Tetrachloroethene	ug/L	50	50.2	100	60-140	
Toluene	ug/L	50	46.6	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	49.2	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.1	94	60-140	
Trichloroethene	ug/L	50	48.5	97	60-140	
Trichlorofluoromethane	ug/L	50	53.8	108	60-140	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

LABORATORY CONTROL SAMPLE: 3446740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	50	56.2	112	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446741 3446742

Parameter	Units	92570483013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.3	20.7	101	103	60-140	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.1	20.8	100	104	60-140	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.9	19.8	94	99	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.1	19.8	95	99	60-140	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.4	20.3	97	102	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.3	21.0	102	105	60-140	3	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.5	21.2	103	106	60-140	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.1	21.5	106	108	60-140	2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.2	18.4	91	92	60-140	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.2	21.1	106	106	60-140	1	30	
1,2,4-Trimethylbenzene	ug/L	22.2	20	20	41.3	42.6	95	102	60-140	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.9	20.0	100	100	60-140	0	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.5	19.9	93	100	60-140	7	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.2	19.9	96	99	60-140	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.4	18.3	92	92	60-140	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	19.7	19.7	98	98	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	6.1	20	20	26.4	27.1	102	105	60-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.7	19.6	94	98	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.0	19.5	95	97	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.8	20.0	94	100	60-140	6	30	
2,2-Dichloropropane	ug/L	ND	20	20	21.2	21.8	106	109	60-140	3	30	
2-Chlorotoluene	ug/L	ND	20	20	20.6	21.2	103	106	60-140	3	30	
4-Chlorotoluene	ug/L	ND	20	20	18.7	19.6	94	98	60-140	5	30	
Benzene	ug/L	151	20	20	167	166	81	74	60-140	1	30	
Bromobenzene	ug/L	ND	20	20	19.6	20.7	98	104	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	18.6	19.7	93	99	60-140	6	30	
Bromodichloromethane	ug/L	0.39J	20	20	20.3	20.6	99	101	60-140	2	30	
Bromoform	ug/L	ND	20	20	19.6	19.8	98	99	60-140	1	30	
Bromomethane	ug/L	ND	20	20	25.2	25.9	126	130	60-140	3	30	
Carbon tetrachloride	ug/L	ND	20	20	20.8	21.9	104	110	60-140	5	30	
Chlorobenzene	ug/L	ND	20	20	20.0	21.0	100	105	60-140	5	30	
Chloroethane	ug/L	ND	20	20	28.2	28.0	141	140	60-140	1	30	M1
Chloroform	ug/L	2.4	20	20	21.6	22.6	96	101	60-140	5	30	
Chloromethane	ug/L	ND	20	20	25.2	25.5	126	128	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.8	20.4	99	102	60-140	3	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446741 3446742

Parameter	Units	92570483013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.2	19.7	96	98	60-140	2	30	
Dibromochloromethane	ug/L	ND	20	20	20.4	20.9	102	104	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	18.9	19.6	95	98	60-140	3	30	
Dichlorodifluoromethane	ug/L	ND	20	20	30.0	30.3	150	152	60-140	1	30	M1
Diisopropyl ether	ug/L	15.6	20	20	32.0	33.1	82	87	60-140	3	30	
Ethylbenzene	ug/L	6.1	20	20	26.5	27.4	102	106	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.6	24.7	123	124	60-140	1	30	
Isopropylbenzene (Cumene)	ug/L	1.2	20	20	22.7	23.1	107	110	60-140	2	30	
m&p-Xylene	ug/L	142	40	40	182	187	101	114	60-140	3	30	
Methyl-tert-butyl ether	ug/L	0.69	20	20	19.0	19.3	92	93	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	20.7	20.7	103	103	60-140	0	30	
n-Butylbenzene	ug/L	ND	20	20	21.4	21.6	107	108	60-140	1	30	
n-Propylbenzene	ug/L	1.7	20	20	21.4	22.4	98	104	60-140	5	30	
Naphthalene	ug/L	4.3	20	20	24.3	25.1	100	104	60-140	3	30	
o-Xylene	ug/L	86.1	20	20	106	108	101	108	60-140	1	30	
sec-Butylbenzene	ug/L	ND	20	20	20.7	21.5	103	107	60-140	4	30	
Styrene	ug/L	ND	20	20	19.9	20.8	99	104	60-140	4	30	
tert-Butylbenzene	ug/L	ND	20	20	17.2	17.5	86	87	60-140	2	30	
Tetrachloroethene	ug/L	ND	20	20	20.8	21.9	104	109	60-140	5	30	
Toluene	ug/L	177	20	20	189	194	59	84	60-140	3	30	M1
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.9	21.5	99	107	60-140	8	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.6	18.8	93	94	60-140	1	30	
Trichloroethene	ug/L	ND	20	20	20.3	21.6	101	108	60-140	6	30	
Trichlorofluoromethane	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30	
Vinyl chloride	ug/L	ND	20	20	23.4	24.3	117	121	60-140	4	30	
1,2-Dichloroethane-d4 (S)	%						93	94	70-130			
4-Bromofluorobenzene (S)	%						100	99	70-130			
Toluene-d8 (S)	%						100	99	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

QC Batch: 657526
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570483021, 92570483022

METHOD BLANK: 3446752 Matrix: Water
Associated Lab Samples: 92570483021, 92570483022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/05/21 00:07	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/05/21 00:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/05/21 00:07	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/05/21 00:07	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/05/21 00:07	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/05/21 00:07	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/05/21 00:07	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/05/21 00:07	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/05/21 00:07	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/05/21 00:07	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/05/21 00:07	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/05/21 00:07	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/05/21 00:07	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/05/21 00:07	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/05/21 00:07	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/05/21 00:07	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/05/21 00:07	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/05/21 00:07	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/05/21 00:07	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 00:07	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 00:07	
Benzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
Bromobenzene	ug/L	ND	0.50	0.29	11/05/21 00:07	
Bromochloromethane	ug/L	ND	0.50	0.47	11/05/21 00:07	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/05/21 00:07	
Bromoform	ug/L	ND	0.50	0.34	11/05/21 00:07	
Bromomethane	ug/L	ND	5.0	1.7	11/05/21 00:07	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/05/21 00:07	
Chlorobenzene	ug/L	ND	0.50	0.28	11/05/21 00:07	
Chloroethane	ug/L	ND	1.0	0.65	11/05/21 00:07	
Chloroform	ug/L	ND	0.50	0.35	11/05/21 00:07	
Chloromethane	ug/L	ND	1.0	0.54	11/05/21 00:07	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/05/21 00:07	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 00:07	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/05/21 00:07	
Dibromomethane	ug/L	ND	0.50	0.39	11/05/21 00:07	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/05/21 00:07	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/05/21 00:07	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

METHOD BLANK: 3446752 Matrix: Water
Associated Lab Samples: 92570483021, 92570483022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/05/21 00:07	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/05/21 00:07	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/05/21 00:07	
m&p-Xylene	ug/L	ND	1.0	0.71	11/05/21 00:07	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/05/21 00:07	
Methylene Chloride	ug/L	ND	2.0	2.0	11/05/21 00:07	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/05/21 00:07	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/05/21 00:07	
Naphthalene	ug/L	ND	2.0	0.64	11/05/21 00:07	
o-Xylene	ug/L	ND	0.50	0.34	11/05/21 00:07	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/05/21 00:07	
Styrene	ug/L	ND	0.50	0.29	11/05/21 00:07	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/05/21 00:07	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/05/21 00:07	
Toluene	ug/L	ND	0.50	0.48	11/05/21 00:07	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/05/21 00:07	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 00:07	
Trichloroethene	ug/L	ND	0.50	0.38	11/05/21 00:07	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/05/21 00:07	
Vinyl chloride	ug/L	ND	1.0	0.39	11/05/21 00:07	
1,2-Dichloroethane-d4 (S)	%	102	70-130		11/05/21 00:07	
4-Bromofluorobenzene (S)	%	97	70-130		11/05/21 00:07	
Toluene-d8 (S)	%	100	70-130		11/05/21 00:07	

LABORATORY CONTROL SAMPLE: 3446753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.8	94	60-140	
1,1,1-Trichloroethane	ug/L	50	46.5	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.7	91	60-140	
1,1,2-Trichloroethane	ug/L	50	45.0	90	60-140	
1,1-Dichloroethane	ug/L	50	46.3	93	60-140	
1,1-Dichloroethene	ug/L	50	47.1	94	60-140	
1,1-Dichloropropene	ug/L	50	47.5	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.7	95	60-140	
1,2,3-Trichloropropane	ug/L	50	42.8	86	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.1	94	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.2	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	50.6	101	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	45.7	91	60-140	
1,2-Dichlorobenzene	ug/L	50	45.9	92	60-140	
1,2-Dichloroethane	ug/L	50	42.0	84	60-140	
1,2-Dichloropropane	ug/L	50	45.3	91	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.8	92	60-140	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

LABORATORY CONTROL SAMPLE: 3446753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	44.5	89	60-140	
1,3-Dichloropropane	ug/L	50	45.4	91	60-140	
1,4-Dichlorobenzene	ug/L	50	45.0	90	60-140	
2,2-Dichloropropane	ug/L	50	47.1	94	60-140	
2-Chlorotoluene	ug/L	50	47.3	95	60-140	
4-Chlorotoluene	ug/L	50	44.1	88	60-140	
Benzene	ug/L	50	45.3	91	60-140	
Bromobenzene	ug/L	50	46.0	92	60-140	
Bromochloromethane	ug/L	50	44.5	89	60-140	
Bromodichloromethane	ug/L	50	45.8	92	60-140	
Bromoform	ug/L	50	49.4	99	60-140	
Bromomethane	ug/L	50	52.0	104	60-140	
Carbon tetrachloride	ug/L	50	47.2	94	60-140	
Chlorobenzene	ug/L	50	46.1	92	60-140	
Chloroethane	ug/L	50	59.1	118	60-140	
Chloroform	ug/L	50	46.7	93	60-140	
Chloromethane	ug/L	50	48.8	98	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.6	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.3	91	60-140	
Dibromochloromethane	ug/L	50	50.1	100	60-140	
Dibromomethane	ug/L	50	44.7	89	60-140	
Dichlorodifluoromethane	ug/L	50	60.9	122	60-140	
Diisopropyl ether	ug/L	50	42.3	85	60-140	
Ethylbenzene	ug/L	50	45.9	92	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.4	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.9	96	60-140	
m&p-Xylene	ug/L	100	93.1	93	60-140	
Methyl-tert-butyl ether	ug/L	50	43.5	87	60-140	
Methylene Chloride	ug/L	50	49.8	100	60-140	
n-Butylbenzene	ug/L	50	45.6	91	60-140	
n-Propylbenzene	ug/L	50	45.3	91	60-140	
Naphthalene	ug/L	50	47.0	94	60-140	
o-Xylene	ug/L	50	45.4	91	60-140	
sec-Butylbenzene	ug/L	50	45.4	91	60-140	
Styrene	ug/L	50	46.9	94	60-140	
tert-Butylbenzene	ug/L	50	37.5	75	60-140	
Tetrachloroethene	ug/L	50	47.8	96	60-140	
Toluene	ug/L	50	45.0	90	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	45.8	92	60-140	
Trichlorofluoromethane	ug/L	50	51.1	102	60-140	
Vinyl chloride	ug/L	50	50.4	101	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446754 3446755

Parameter	Units	92569752001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	97.8	100	98	100	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	110	110	110	110	60-140	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	94.3	92.2	94	92	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	93.2	93.1	93	93	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	100	100	103	105	103	105	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,1-Dichloropropene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,2,3-Trichlorobenzene	ug/L	ND	100	100	96.6	94.3	97	94	60-140	2	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	84.4	85.9	84	86	60-140	2	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	93.7	100	94	100	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	100	100	45.0	44.6	45	45	60-140	1	30	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	90.7	89.5	91	89	60-140	1	30	
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	93.5	93.5	93	94	60-140	0	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	94.2	93.5	94	94	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	100	100	96.9	95.7	97	96	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	100	100	101	97.5	101	97	60-140	3	30	
1,3,5-Trimethylbenzene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,3-Dichlorobenzene	ug/L	ND	100	100	93.0	93.3	93	93	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	100	100	90.8	94.7	91	95	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	94.9	91.9	95	92	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	100	100	90.7	90.8	91	91	60-140	0	30	
2-Chlorotoluene	ug/L	ND	100	100	103	102	103	102	60-140	1	30	
4-Chlorotoluene	ug/L	ND	100	100	93.8	94.0	94	94	60-140	0	30	
Benzene	ug/L	19.7	100	100	119	120	99	100	60-140	1	30	
Bromobenzene	ug/L	ND	100	100	98.2	96.7	98	97	60-140	2	30	
Bromochloromethane	ug/L	ND	100	100	100	97.8	100	98	60-140	2	30	
Bromodichloromethane	ug/L	ND	100	100	100	95.8	100	96	60-140	4	30	
Bromoform	ug/L	ND	100	100	87.5	84.0	88	84	60-140	4	30	
Bromomethane	ug/L	ND	100	100	70.2	73.4	70	73	60-140	5	30	
Carbon tetrachloride	ug/L	ND	100	100	101	103	101	103	60-140	3	30	
Chlorobenzene	ug/L	ND	100	100	99.5	101	99	101	60-140	2	30	
Chloroethane	ug/L	ND	100	100	158	156	158	156	60-140	1	30	M1
Chloroform	ug/L	ND	100	100	105	104	104	103	60-140	1	30	
Chloromethane	ug/L	ND	100	100	169	183	169	183	60-140	8	30	M1
cis-1,2-Dichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
cis-1,3-Dichloropropene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
Dibromochloromethane	ug/L	ND	100	100	92.0	94.6	92	95	60-140	3	30	
Dibromomethane	ug/L	ND	100	100	94.4	91.3	94	91	60-140	3	30	
Dichlorodifluoromethane	ug/L	ND	100	100	153	159	153	159	60-140	4	30	M1
Diisopropyl ether	ug/L	ND	100	100	91.8	93.3	92	93	60-140	2	30	
Ethylbenzene	ug/L	ND	100	100	82.3	83.8	82	84	60-140	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	102	102	102	102	60-140	0	30	
Isopropylbenzene (Cumene)	ug/L	ND	100	100	84.4	86.1	84	86	60-140	2	30	
m&p-Xylene	ug/L	ND	200	200	175	177	87	89	60-140	1	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446754 3446755

Parameter	Units	92569752001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	100	100	97.3	96.8	97	97	60-140	0	30	
Methylene Chloride	ug/L	ND	100	100	122	119	122	119	60-140	3	30	
n-Butylbenzene	ug/L	ND	100	100	80.9	82.5	81	82	60-140	2	30	
n-Propylbenzene	ug/L	ND	100	100	86.5	85.6	86	86	60-140	1	30	
Naphthalene	ug/L	ND	100	100	48.6	49.0	49	49	60-140	1	30	M1
o-Xylene	ug/L	ND	100	100	90.4	90.0	89	89	60-140	0	30	
sec-Butylbenzene	ug/L	ND	100	100	89.8	91.1	90	91	60-140	1	30	
Styrene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
tert-Butylbenzene	ug/L	ND	100	100	83.7	84.1	84	84	60-140	0	30	
Tetrachloroethene	ug/L	ND	100	100	35.3	37.8	35	38	60-140	7	30	M1
Toluene	ug/L	ND	100	100	94.1	97.4	93	96	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
trans-1,3-Dichloropropene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
Trichloroethene	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
Trichlorofluoromethane	ug/L	ND	100	100	115	114	115	114	60-140	0	30	
Vinyl chloride	ug/L	ND	100	100	ND	ND	0	0	60-140		30	M1
1,2-Dichloroethane-d4 (S)	%						106	110	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						100	101	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

QC Batch: 657862
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570483006, 92570483020

METHOD BLANK: 3448349 Matrix: Water
Associated Lab Samples: 92570483006, 92570483020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/05/21 22:18	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/05/21 22:18	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/05/21 22:18	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/05/21 22:18	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/05/21 22:18	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/05/21 22:18	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/05/21 22:18	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/05/21 22:18	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/05/21 22:18	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/05/21 22:18	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/05/21 22:18	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/05/21 22:18	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/05/21 22:18	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 22:18	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/05/21 22:18	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/05/21 22:18	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/05/21 22:18	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 22:18	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/05/21 22:18	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/05/21 22:18	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/05/21 22:18	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 22:18	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 22:18	
Benzene	ug/L	ND	0.50	0.34	11/05/21 22:18	
Bromobenzene	ug/L	ND	0.50	0.29	11/05/21 22:18	
Bromochloromethane	ug/L	ND	0.50	0.47	11/05/21 22:18	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/05/21 22:18	
Bromoform	ug/L	ND	0.50	0.34	11/05/21 22:18	
Bromomethane	ug/L	ND	5.0	1.7	11/05/21 22:18	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/05/21 22:18	
Chlorobenzene	ug/L	ND	0.50	0.28	11/05/21 22:18	
Chloroethane	ug/L	ND	1.0	0.65	11/05/21 22:18	
Chloroform	ug/L	ND	0.50	0.35	11/05/21 22:18	
Chloromethane	ug/L	ND	1.0	0.54	11/05/21 22:18	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/05/21 22:18	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 22:18	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/05/21 22:18	
Dibromomethane	ug/L	ND	0.50	0.39	11/05/21 22:18	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/05/21 22:18	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/05/21 22:18	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

METHOD BLANK: 3448349 Matrix: Water
Associated Lab Samples: 92570483006, 92570483020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/05/21 22:18	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/05/21 22:18	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/05/21 22:18	
m&p-Xylene	ug/L	ND	1.0	0.71	11/05/21 22:18	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/05/21 22:18	
Methylene Chloride	ug/L	ND	2.0	2.0	11/05/21 22:18	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/05/21 22:18	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/05/21 22:18	
Naphthalene	ug/L	ND	2.0	0.64	11/05/21 22:18	
o-Xylene	ug/L	ND	0.50	0.34	11/05/21 22:18	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/05/21 22:18	
Styrene	ug/L	ND	0.50	0.29	11/05/21 22:18	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/05/21 22:18	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/05/21 22:18	
Toluene	ug/L	ND	0.50	0.48	11/05/21 22:18	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/05/21 22:18	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 22:18	
Trichloroethene	ug/L	ND	0.50	0.38	11/05/21 22:18	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/05/21 22:18	
Vinyl chloride	ug/L	ND	1.0	0.39	11/05/21 22:18	
1,2-Dichloroethane-d4 (S)	%	101	70-130		11/05/21 22:18	
4-Bromofluorobenzene (S)	%	96	70-130		11/05/21 22:18	
Toluene-d8 (S)	%	101	70-130		11/05/21 22:18	

LABORATORY CONTROL SAMPLE: 3448350

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.5	99	60-140	
1,1,1-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	60-140	
1,1,2-Trichloroethane	ug/L	50	48.1	96	60-140	
1,1-Dichloroethane	ug/L	50	45.5	91	60-140	
1,1-Dichloroethene	ug/L	50	45.6	91	60-140	
1,1-Dichloropropene	ug/L	50	46.6	93	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.8	104	60-140	
1,2,3-Trichloropropane	ug/L	50	46.4	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.7	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.8	106	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.2	96	60-140	
1,2-Dichlorobenzene	ug/L	50	47.5	95	60-140	
1,2-Dichloroethane	ug/L	50	43.6	87	60-140	
1,2-Dichloropropane	ug/L	50	47.2	94	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.7	95	60-140	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

LABORATORY CONTROL SAMPLE: 3448350

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.8	94	60-140	
1,3-Dichloropropane	ug/L	50	46.7	93	60-140	
1,4-Dichlorobenzene	ug/L	50	48.0	96	60-140	
2,2-Dichloropropane	ug/L	50	47.6	95	60-140	
2-Chlorotoluene	ug/L	50	48.6	97	60-140	
4-Chlorotoluene	ug/L	50	45.2	90	60-140	
Benzene	ug/L	50	48.3	97	60-140	
Bromobenzene	ug/L	50	47.0	94	60-140	
Bromochloromethane	ug/L	50	45.7	91	60-140	
Bromodichloromethane	ug/L	50	48.4	97	60-140	
Bromoform	ug/L	50	52.0	104	60-140	
Bromomethane	ug/L	50	51.6	103	60-140	
Carbon tetrachloride	ug/L	50	50.1	100	60-140	
Chlorobenzene	ug/L	50	48.3	97	60-140	
Chloroethane	ug/L	50	58.4	117	60-140	
Chloroform	ug/L	50	46.1	92	60-140	
Chloromethane	ug/L	50	48.5	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.9	96	60-140	
Dibromochloromethane	ug/L	50	53.3	107	60-140	
Dibromomethane	ug/L	50	49.1	98	60-140	
Dichlorodifluoromethane	ug/L	50	62.3	125	60-140	
Diisopropyl ether	ug/L	50	43.8	88	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	51.6	103	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.9	102	60-140	
m&p-Xylene	ug/L	100	96.9	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.2	88	60-140	
Methylene Chloride	ug/L	50	49.2	98	60-140	
n-Butylbenzene	ug/L	50	47.2	94	60-140	
n-Propylbenzene	ug/L	50	46.6	93	60-140	
Naphthalene	ug/L	50	49.5	99	60-140	
o-Xylene	ug/L	50	48.2	96	60-140	
sec-Butylbenzene	ug/L	50	46.9	94	60-140	
Styrene	ug/L	50	49.6	99	60-140	
tert-Butylbenzene	ug/L	50	39.3	79	60-140	
Tetrachloroethene	ug/L	50	49.7	99	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.4	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.2	94	60-140	
Trichloroethene	ug/L	50	49.2	98	60-140	
Trichlorofluoromethane	ug/L	50	53.4	107	60-140	
Vinyl chloride	ug/L	50	50.3	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3448351 3448352

Parameter	Units	92570483006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.6	19.2	98	96	60-140	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.4	20.1	102	101	60-140	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.0	17.6	90	88	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.5	17.9	92	90	60-140	3	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.7	18.7	99	94	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.0	19.7	100	98	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.7	20.5	103	103	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.1	18.0	95	90	60-140	6	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.0	16.0	85	80	60-140	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.8	18.2	94	91	60-140	3	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.3	16.9	87	84	60-140	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.3	18.1	96	91	60-140	6	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.3	18.0	96	90	60-140	7	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.0	17.6	90	88	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	17.9	16.4	89	82	60-140	9	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.2	17.4	91	87	60-140	4	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.2	18.1	91	90	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	17.4	17.2	87	86	60-140	1	30	
1,3-Dichloropropane	ug/L	ND	20	20	18.6	17.8	93	89	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.0	17.7	90	88	60-140	2	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.8	20.0	104	100	60-140	4	30	
2-Chlorotoluene	ug/L	ND	20	20	18.7	18.2	94	91	60-140	3	30	
4-Chlorotoluene	ug/L	ND	20	20	17.4	17.1	87	86	60-140	2	30	
Benzene	ug/L	ND	20	20	19.5	18.4	98	92	60-140	6	30	
Bromobenzene	ug/L	ND	20	20	18.5	18.3	92	92	60-140	1	30	
Bromochloromethane	ug/L	ND	20	20	19.8	18.5	99	92	60-140	7	30	
Bromodichloromethane	ug/L	0.50J	20	20	18.6	18.7	90	91	60-140	0	30	
Bromoform	ug/L	ND	20	20	19.2	17.8	96	89	60-140	7	30	
Bromomethane	ug/L	ND	20	20	19.8	20.3	99	102	60-140	3	30	
Carbon tetrachloride	ug/L	ND	20	20	20.0	20.0	100	100	60-140	0	30	
Chlorobenzene	ug/L	ND	20	20	19.3	18.5	96	93	60-140	4	30	
Chloroethane	ug/L	ND	20	20	27.1	26.9	135	134	60-140	1	30	
Chloroform	ug/L	4.2	20	20	23.8	23.4	98	96	60-140	2	30	
Chloromethane	ug/L	ND	20	20	19.8	19.5	99	97	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.7	19.2	98	96	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.0	17.9	90	90	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	20.4	19.1	102	95	60-140	7	30	
Dibromomethane	ug/L	ND	20	20	18.8	18.2	94	91	60-140	3	30	
Dichlorodifluoromethane	ug/L	ND	20	20	26.0	26.4	130	132	60-140	2	30	
Diisopropyl ether	ug/L	ND	20	20	17.8	17.2	88	85	60-140	3	30	
Ethylbenzene	ug/L	ND	20	20	18.9	18.5	94	93	60-140	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.8	18.3	94	92	60-140	2	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.7	19.4	98	97	60-140	2	30	
m&p-Xylene	ug/L	ND	40	40	38.0	37.4	95	94	60-140	2	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3448351 3448352

Parameter	Units	92570483006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	17.7	17.7	88	88	60-140	0	30	
Methylene Chloride	ug/L	ND	20	20	21.2	20.4	106	102	60-140	4	30	
n-Butylbenzene	ug/L	ND	20	20	17.6	17.5	88	87	60-140	1	30	
n-Propylbenzene	ug/L	ND	20	20	18.2	18.0	91	90	60-140	1	30	
Naphthalene	ug/L	ND	20	20	18.0	16.9	90	85	60-140	6	30	
o-Xylene	ug/L	ND	20	20	18.7	18.4	94	92	60-140	2	30	
sec-Butylbenzene	ug/L	ND	20	20	18.4	18.0	92	90	60-140	2	30	
Styrene	ug/L	ND	20	20	18.6	17.6	93	88	60-140	6	30	
tert-Butylbenzene	ug/L	ND	20	20	15.4	15.3	77	77	60-140	0	30	
Tetrachloroethene	ug/L	ND	20	20	20.7	19.8	103	99	60-140	4	30	
Toluene	ug/L	ND	20	20	19.0	19.0	93	93	60-140	0	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.9	19.5	100	97	60-140	2	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.0	16.9	90	85	60-140	6	30	
Trichloroethene	ug/L	ND	20	20	19.7	19.6	99	98	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.7	19.7	104	98	60-140	5	30	
Vinyl chloride	ug/L	ND	20	20	22.5	22.2	113	111	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						94	92	70-130			
4-Bromofluorobenzene (S)	%						100	98	70-130			
Toluene-d8 (S)	%						99	97	70-130			

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QUALIFIERS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570483001	MW-34	MADEP VPH	657669		
92570483002	MW-94	MADEP VPH	657669		
92570483003	MW-53	MADEP VPH	657669		
92570483004	MW-97D	MADEP VPH	657669		
92570483005	MW-93	MADEP VPH	657669		
92570483006	MW-87	MADEP VPH	657669		
92570483007	MW-33	MADEP VPH	657669		
92570483008	MW-20	MADEP VPH	657669		
92570483009	MW-88	MADEP VPH	657669		
92570483010	MW-69	MADEP VPH	657669		
92570483011	MW-27	MADEP VPH	657669		
92570483012	MW-07D	MADEP VPH	657669		
92570483013	MW-25	MADEP VPH	657669		
92570483014	MW-61D	MADEP VPH	657669		
92570483015	MW-92	MADEP VPH	657981		
92570483016	MW-32	MADEP VPH	657981		
92570483017	MW-89D	MADEP VPH	657981		
92570483018	MW-43	MADEP VPH	657981		
92570483019	MW-89	MADEP VPH	657981		
92570483020	MW-71	MADEP VPH	657981		
92570483021	DUP-2-20211103	MADEP VPH	657981		
92570483022	DUP-1-20211103	MADEP VPH	657981		
92570483023	FB-1-202211103	MADEP VPH	657981		
92570483024	FB-2-202211103	MADEP VPH	657981		
92570483025	EB-1-20211103	MADEP VPH	657981		
92570483026	EB-2-20211103	MADEP VPH	657981		
92570483027	MW-41	MADEP VPH	657981		
92570483001	MW-34	EPA 3010A	657591	EPA 6010D	657689
92570483002	MW-94	EPA 3010A	657591	EPA 6010D	657689
92570483003	MW-53	EPA 3010A	657591	EPA 6010D	657689
92570483004	MW-97D	EPA 3010A	657591	EPA 6010D	657689
92570483005	MW-93	EPA 3010A	657591	EPA 6010D	657689
92570483006	MW-87	EPA 3010A	657591	EPA 6010D	657689
92570483007	MW-33	EPA 3010A	657591	EPA 6010D	657689
92570483008	MW-20	EPA 3010A	657591	EPA 6010D	657689
92570483009	MW-88	EPA 3010A	657591	EPA 6010D	657689
92570483010	MW-69	EPA 3010A	657591	EPA 6010D	657689
92570483011	MW-27	EPA 3010A	657591	EPA 6010D	657689
92570483012	MW-07D	EPA 3010A	657591	EPA 6010D	657689
92570483013	MW-25	EPA 3010A	657591	EPA 6010D	657689
92570483014	MW-61D	EPA 3010A	657591	EPA 6010D	657689
92570483015	MW-92	EPA 3010A	657591	EPA 6010D	657689
92570483016	MW-32	EPA 3010A	657591	EPA 6010D	657689
92570483017	MW-89D	EPA 3010A	657591	EPA 6010D	657689
92570483018	MW-43	EPA 3010A	657591	EPA 6010D	657689
92570483019	MW-89	EPA 3010A	657591	EPA 6010D	657689
92570483020	MW-71	EPA 3010A	657591	EPA 6010D	657689

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92570483

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570483021	**DUP-2-20211103**	EPA 3010A	657606	EPA 6010D	657691
92570483022	**DUP-1-20211103**	EPA 3010A	657606	EPA 6010D	657691
92570483025	**EB-1-20211103**	EPA 3010A	657606	EPA 6010D	657691
92570483026	**EB-2-20211103**	EPA 3010A	657606	EPA 6010D	657691
92570483027	**MW-41**	EPA 3010A	657606	EPA 6010D	657691
92570483001	**MW-34**	SM 6200B	657525		
92570483002	**MW-94**	SM 6200B	657525		
92570483003	**MW-53**	SM 6200B	657525		
92570483004	**MW-97D**	SM 6200B	657525		
92570483005	**MW-93**	SM 6200B	657525		
92570483006	**MW-87**	SM 6200B	657862		
92570483007	**MW-33**	SM 6200B	657525		
92570483008	**MW-20**	SM 6200B	657525		
92570483009	**MW-88**	SM 6200B	657525		
92570483010	**MW-69**	SM 6200B	657525		
92570483011	**MW-27**	SM 6200B	657525		
92570483012	**MW-07D**	SM 6200B	657525		
92570483013	**MW-25**	SM 6200B	657525		
92570483014	**MW-61D**	SM 6200B	657525		
92570483015	**MW-92**	SM 6200B	657525		
92570483016	**MW-32**	SM 6200B	657525		
92570483017	**MW-89D**	SM 6200B	657525		
92570483018	**MW-43**	SM 6200B	657525		
92570483019	**MW-89**	SM 6200B	657525		
92570483020	**MW-71**	SM 6200B	657862		
92570483021	**DUP-2-20211103**	SM 6200B	657526		
92570483022	**DUP-1-20211103**	SM 6200B	657526		
92570483023	**FB-1-202211103**	SM 6200B	657515		
92570483024	**FB-2-202211103**	SM 6200B	657515		
92570483025	**EB-1-20211103**	SM 6200B	657515		
92570483026	**EB-2-20211103**	SM 6200B	657515		
92570483027	**MW-41**	SM 6200B	657525		
92570483028	**TRIP BLANK**	SM 6200B	657515		

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: AF COM

Project WO# : 92570483

92570483

Courier: ☐ Commercial ☐ Fed Ex ☐ Pace ☐ UPS ☐ USPS ☐ Other:____ ☒ Client

Custody Seal Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Date/Initials Person Examining Contents: 11-3-21 JKC

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer: ☒ IR Gun ID: 92T064

Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp: 0.3, 0.6, 0.7

Correction Factor: Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 0.3, 0.6, 0.7

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☒ Yes	☐ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☒ No	☐ N/A	10.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☒ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Projec

WO# : 92570483

PM: BV Due Date: 11/08/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1 ✓										7												
2						1 ✓										7												
3						1 ✓										7												
4						1 ✓										7												
5						1 ✓										7												
6						1 ✓										7												
7						1 ✓										7												
8						1 ✓										7												
9						1 ✓										7												
10						1 ✓										7												
11						1 ✓										7												
12						1 ✓										7												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority:

WO#: 92570483

PM: BV Due Date: 11/08/21

CLIENT: 92-AECOM CHA

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Project #

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																7													
2																7													
3																6													
4																7													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Page : 1 Of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	AECOM	Report To:	Andrew Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
	Suite 200, Charlotte, NC 28226			Address:	Regulatory Agency
Email:	andrew.wreschnig@aecom.com	Purchase Order #:		Pace Quote:	
Phone:	(704)522-0330 Fax	Project Name:	CPC Huntersville 60639876	Pace Project Manager:	bonnie.vang@pacelabs.com, State / Location
Requested Due Date:	3 day TAT	Project #:		Pace Profile #:	12518-3 NC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analyses Test: 6200	VPH	Lead; Total	Trip BLANK	Residual Chlorine (Y/N)	7837483
1	MW-34			11/03/21	0945				8			1	7						X	X	X			3 day TAT 001
2	MW-94				0950																			002
3	MW-53				1010																			003
4	MW-97D				1045																			004
5	MW-93				1055																			005
6	MW-87				1040																			006
7	MW-33				1145																			007
8	MW-20				1130																			008
9	MW-88				1230																			009
10	MW-69				1200																			010
11	MW-27				1220																			011
12	MW-07D			↓	1235				↓			↓	↓						↓	↓	↓			012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3 day TAT	Mike de Kozlowski/AECOM	11/3/21	1700	JB Pace MVL	11/03/21	1700	0.6	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mike de Kozlowski

SIGNATURE of SAMPLER: Mike de Kozlowski DATE Signed: 11/3/21

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page : 1 Of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: AECOM	Report To: Andrew Wreschnig	Attention:
Address: 6000 Fairview Road	Copy To:	Company Name:
Suite 200, Charlotte, NC 28226		Address:
Email: andrew.wreschnig@aecom.com	Purchase Order #:	Pace Quote:
Phone: (704)522-0330 Fax	Project Name: CPC Huntersville 60639876	Pace Project Manager: bonnie.vang@pacelabs.com,
Requested Due Date: 3 day +AT	Project #:	Pace Profile #: 12518-3

Regulatory Agency

State / Location: NC

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	6200	VPH	Lead; Total	Trip BLANK	Residual Chlorine (Y/N)	925042
1	MW-25	WT	G	11/03/21	1400				8			1	7						X	X	X			3 day +AT C13
2	MW-61D				1350																			014
3	MW-92				1400																			015
4	MW-32				1405																			016
5	MW-89D				1435																			017
6	MW-43				1430																			018
7	MW-89				1440																			019
8	MW-71				1530																			020
9	DUP-02-20211103				—																			021
10	DUP-01-20211103				—																			022
11	FB-01-20211103				1515				7				7						X	X				023
12	FB-02-20211103				1530																			024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3 day +AT	Mike de Kozlowski / AECOM	11/3/21	1700	JB Pace MVL	11/3/21	1705	0.3	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mike de Kozlowski

SIGNATURE of SAMPLER: Mike de Kozlowski DATE Signed: 11/3/21

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page : 1 Of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	AECOM	Report To:	Andrew Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
	Suite 200, Charlotte, NC 28226			Address:	Regulatory Agency
Email:	andrew.wreschnig@aecom.com	Purchase Order #:		Pace Quote:	
Phone:	(704)522-0330 Fax	Project Name:	CPC Huntersville 60639876	Pace Project Manager:	bonnie.vang@pacelabs.com, State / Location
Requested Due Date:	3 day TAT	Project #:		Pace Profile #:	12518-3 NC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	6200	VPH	Lead, Total	Trip BLANK	Residual Chlorine (Y/N)	
	MATRIX: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Other OT, Tissue TS																								
1	EB-01-20211103	WT	G	11/03/21	1530				8			1	7						X	X	X			3 day TAT CAS
2	EB-02-20211103	↓	↓		1515				↓			↓	↓						↓	↓	↓			CAS
3	trip blank			11/03/21	Lab provided				6													X		CAS
4	MW-41	WT	G	11/03/21	1535				8			1	7						X	X	X			CAS
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3 day TAT	Mike de Kazlowski / AECOM	11/3/21	1700	JB Pace HVL	11/03/21	1700	0.9	Y	N	Y

SAMPLER NAME AND SIGNATURE			TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Mike de Kazlowski					
SIGNATURE of SAMPLER:	Mike de Kazlowski	DATE Signed: 11/3/21				

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 09, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on November 04, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company

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Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92570816001	**MW-12**	Water	11/04/21 09:55	11/04/21 17:30
92570816002	**MW-57D**	Water	11/04/21 10:00	11/04/21 17:30
92570816003	**MW-36**	Water	11/04/21 10:20	11/04/21 17:30
92570816004	**MW-01**	Water	11/04/21 10:00	11/04/21 17:30
92570816005	**MW-25D**	Water	11/04/21 10:05	11/04/21 17:30
92570816006	**MW-04**	Water	11/04/21 11:15	11/04/21 17:30
92570816007	**MW-90DD**	Water	11/04/21 11:45	11/04/21 17:30
92570816008	**MW-30**	Water	11/04/21 12:10	11/04/21 17:30
92570816009	**MW-03**	Water	11/04/21 12:00	11/04/21 17:30
92570816010	**MW-35**	Water	11/04/21 12:10	11/04/21 17:30
92570816011	**MW-57**	Water	11/04/21 11:15	11/04/21 17:30
92570816012	**MW-04D**	Water	11/04/21 13:30	11/04/21 17:30
92570816013	**MW-96**	Water	11/04/21 13:26	11/04/21 17:30
92570816014	**MW-02**	Water	11/04/21 14:00	11/04/21 17:30
92570816015	**MW-09**	Water	11/04/21 14:30	11/04/21 17:30
92570816016	**MW-05**	Water	11/04/21 14:35	11/04/21 17:30
92570816017	**MW-56**	Water	11/04/21 13:00	11/04/21 17:30
92570816018	**MW-15**	Water	11/04/21 15:00	11/04/21 17:30
92570816019	**MW-36DR**	Water	11/04/21 15:55	11/04/21 17:30
92570816020	**MW-06**	Water	11/04/21 15:20	11/04/21 17:30
92570816021	**MW-95**	Water	11/04/21 15:35	11/04/21 17:30
92570816022	**MW-59**	Water	11/04/21 16:10	11/04/21 17:30
92570816023	**DUP-1-20211104**	Water	11/04/21 00:00	11/04/21 17:30
92570816024	**DUP-2-20211104**	Water	11/04/21 00:00	11/04/21 17:30
92570816025	**EB-1-20211104**	Water	11/04/21 16:30	11/04/21 17:30
92570816026	**EB-2-20211104**	Water	11/04/21 16:05	11/04/21 17:30
92570816027	**FB-1-20211104**	Water	11/04/21 16:50	11/04/21 17:30
92570816028	**FB-2-20211104**	Water	11/04/21 16:00	11/04/21 17:30
92570816029	**TRIP BLANK**	Water	11/04/21 00:00	11/04/21 17:30

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92570816001	**MW-12**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816002	**MW-57D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816003	**MW-36**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816004	**MW-01**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816005	**MW-25D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816006	**MW-04**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816007	**MW-90DD**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816008	**MW-30**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816009	**MW-03**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816010	**MW-35**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816011	**MW-57**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816012	**MW-04D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816013	**MW-96**	MADEP VPH	MAD	6	PASI-C

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816014	**MW-02**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816015	**MW-09**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816016	**MW-05**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816017	**MW-56**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816018	**MW-15**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816019	**MW-36DR**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816020	**MW-06**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816021	**MW-95**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816022	**MW-59**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816023	**DUP-1-20211104**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816024	**DUP-2-20211104**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816025	**EB-1-20211104**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 6200B	SAS	63	PASI-C
92570816026	**EB-2-20211104**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92570816027	**FB-1-20211104**	MADEP VPH	MAD	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92570816028	**FB-2-20211104**	MADEP VPH	MAD	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92570816029	**TRIP BLANK**	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-12 **Lab ID: 92570816001** Collected: 11/04/21 09:55 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 03:52		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 03:52		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 03:52		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 03:52		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		11/06/21 03:52	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		11/06/21 03:52	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 21:31	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 23:12	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 23:12	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 23:12	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 23:12	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 23:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 23:12	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 23:12	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 23:12	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 23:12	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 23:12	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 23:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 23:12	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 23:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 23:12	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 23:12	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 23:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 23:12	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 23:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 23:12	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 23:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 23:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 23:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 23:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 23:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 23:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 23:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 23:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 23:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 23:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 23:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 23:12	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-12 **Lab ID: 92570816001** Collected: 11/04/21 09:55 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 23:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 23:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 23:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 23:12	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 23:12	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 23:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 23:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 23:12	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 23:12	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 23:12	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 23:12	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 23:12	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 23:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 23:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 23:12	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 23:12	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 23:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 23:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 23:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 23:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 23:12	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 23:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 23:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 23:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 23:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 23:12	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 23:12	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 23:12	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 23:12	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		11/05/21 23:12	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/05/21 23:12	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		11/05/21 23:12	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-57D **Lab ID: 92570816002** Collected: 11/04/21 10:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 04:20		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 04:20		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 04:20		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 04:20		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/06/21 04:20	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/06/21 04:20	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**14.2**	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 19:48	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 23:30	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 23:30	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 23:30	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 23:30	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 23:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 23:30	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 23:30	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 23:30	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 23:30	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 23:30	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 23:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 23:30	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 23:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 23:30	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 23:30	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 23:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 23:30	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 23:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 23:30	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 23:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 23:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 23:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 23:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 23:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 23:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 23:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 23:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 23:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 23:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 23:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 23:30	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-57D **Lab ID: 92570816002** Collected: 11/04/21 10:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 23:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 23:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 23:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 23:30	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 23:30	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 23:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 23:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 23:30	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 23:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 23:30	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 23:30	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 23:30	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 23:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 23:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 23:30	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 23:30	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 23:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 23:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 23:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 23:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 23:30	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 23:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 23:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 23:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 23:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 23:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 23:30	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 23:30	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 23:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		11/05/21 23:30	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/05/21 23:30	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/05/21 23:30	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-36 **Lab ID: 92570816003** Collected: 11/04/21 10:20 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 04:48		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 04:48		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 04:48		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 04:48		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/06/21 04:48	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/06/21 04:48	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:01	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 02:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 02:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 02:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 02:48	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 02:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 02:48	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 02:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 02:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 02:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 02:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 02:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 02:48	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 02:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 02:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 02:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 02:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 02:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 02:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 02:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 02:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 02:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 02:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 02:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 02:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 02:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 02:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 02:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 02:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 02:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 02:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 02:48	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-36 **Lab ID: 92570816003** Collected: 11/04/21 10:20 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 02:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 02:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 02:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 02:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 02:48	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 02:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 02:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 02:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 02:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 02:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 02:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 02:48	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 02:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 02:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 02:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 02:48	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 02:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 02:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 02:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 02:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 02:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 02:48	79-01-6	
Trichlorofluoromethane	**0.40J**	ug/L	1.0	0.30	1		11/06/21 02:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 02:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 02:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 02:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 02:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 02:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 02:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		11/06/21 02:48	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/06/21 02:48	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/06/21 02:48	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-01 **Lab ID: 92570816004** Collected: 11/04/21 10:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 05:16		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 05:16		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 05:16		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 05:16		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/06/21 05:16	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/06/21 05:16	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:04	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 03:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 03:06	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 03:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 03:06	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 03:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 03:06	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 03:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 03:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 03:06	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 03:06	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 03:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 03:06	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 03:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 03:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 03:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 03:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 03:06	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 03:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 03:06	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 03:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 03:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 03:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 03:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 03:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 03:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 03:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 03:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 03:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 03:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 03:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 03:06	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-01 **Lab ID: 92570816004** Collected: 11/04/21 10:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 03:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 03:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 03:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 03:06	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 03:06	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 03:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 03:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 03:06	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 03:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 03:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 03:06	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 03:06	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 03:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 03:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 03:06	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 03:06	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 03:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 03:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 03:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 03:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 03:06	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 03:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 03:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 03:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 03:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 03:06	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 03:06	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 03:06	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 03:06	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		11/06/21 03:06	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/06/21 03:06	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/06/21 03:06	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-25D **Lab ID: 92570816005** Collected: 11/04/21 10:05 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 05:44		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 05:44		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 05:44		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 05:44		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	105	%	70-130		1		11/06/21 05:44	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		11/06/21 05:44	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:14	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 03:24	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 03:24	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 03:24	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 03:24	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 03:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 03:24	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 03:24	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 03:24	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 03:24	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 03:24	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 03:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 03:24	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 03:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 03:24	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 03:24	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 03:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 03:24	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 03:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 03:24	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 03:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 03:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 03:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 03:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 03:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 03:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 03:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 03:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 03:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 03:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 03:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 03:24	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-25D **Lab ID: 92570816005** Collected: 11/04/21 10:05 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 03:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 03:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 03:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 03:24	10061-02-6	
Diisopropyl ether	**0.50J**	ug/L	0.50	0.31	1		11/06/21 03:24	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 03:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 03:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 03:24	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 03:24	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 03:24	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 03:24	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 03:24	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 03:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 03:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 03:24	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 03:24	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 03:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 03:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 03:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 03:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 03:24	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 03:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 03:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 03:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 03:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 03:24	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 03:24	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 03:24	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 03:24	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		11/06/21 03:24	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/06/21 03:24	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/06/21 03:24	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-04 **Lab ID: 92570816006** Collected: 11/04/21 11:15 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 06:12		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 06:12		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 06:12		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 06:12		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		11/06/21 06:12	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/06/21 06:12	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:18	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 23:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 23:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 23:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 23:48	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 23:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 23:48	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 23:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 23:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 23:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 23:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 23:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 23:48	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 23:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 23:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 23:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 23:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 23:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 23:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 23:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 23:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 23:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 23:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 23:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 23:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 23:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 23:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 23:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 23:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 23:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 23:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 23:48	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-04 **Lab ID: 92570816006** Collected: 11/04/21 11:15 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 23:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 23:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 23:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 23:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 23:48	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 23:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 23:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 23:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 23:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 23:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 23:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 23:48	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 23:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 23:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 23:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 23:48	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 23:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 23:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 23:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 23:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 23:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 23:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 23:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 23:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 23:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 23:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 23:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 23:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 23:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		11/05/21 23:48	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/05/21 23:48	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		11/05/21 23:48	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-90DD **Lab ID: 92570816007** Collected: 11/04/21 11:45 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**99.8**	ug/L	50.0	50.0	1		11/06/21 06:40		N2
Aliphatic (C05-C08)	**85.6**	ug/L	50.0	50.0	1		11/06/21 06:40		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 06:40		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 06:40		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/06/21 06:40	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/06/21 06:40	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:21	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**7.4**	ug/L	0.50	0.34	1		11/06/21 03:42	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 03:42	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 03:42	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 03:42	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 03:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 03:42	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 03:42	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 03:42	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 03:42	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 03:42	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 03:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 03:42	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 03:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 03:42	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 03:42	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 03:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 03:42	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 03:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 03:42	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 03:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 03:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 03:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 03:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 03:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 03:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 03:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 03:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 03:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 03:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 03:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 03:42	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-90DD **Lab ID: 92570816007** Collected: 11/04/21 11:45 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 03:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 03:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 03:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 03:42	10061-02-6	
Diisopropyl ether	**3.7**	ug/L	0.50	0.31	1		11/06/21 03:42	108-20-3	
Ethylbenzene	**1.0**	ug/L	0.50	0.30	1		11/06/21 03:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 03:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 03:42	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 03:42	75-09-2	
Methyl-tert-butyl ether	**1.6**	ug/L	0.50	0.42	1		11/06/21 03:42	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 03:42	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 03:42	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 03:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 03:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 03:42	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 03:42	127-18-4	
Toluene	**12.6**	ug/L	0.50	0.48	1		11/06/21 03:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 03:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 03:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 03:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 03:42	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 03:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 03:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 03:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 03:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 03:42	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 03:42	75-01-4	
m&p-Xylene	**3.4**	ug/L	1.0	0.71	1		11/06/21 03:42	179601-23-1	
o-Xylene	**1.7**	ug/L	0.50	0.34	1		11/06/21 03:42	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		11/06/21 03:42	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/06/21 03:42	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		11/06/21 03:42	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-30 **Lab ID: 92570816008** Collected: 11/04/21 12:10 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 07:08		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 07:08		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 07:08		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 07:08		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	108	%	70-130		1		11/06/21 07:08	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		11/06/21 07:08	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:24	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 00:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 00:06	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 00:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 00:06	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 00:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 00:06	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 00:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 00:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 00:06	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 00:06	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 00:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 00:06	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 00:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 00:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 00:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 00:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 00:06	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 00:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 00:06	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 00:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 00:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 00:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 00:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 00:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 00:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 00:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 00:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 00:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 00:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 00:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 00:06	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-30 **Lab ID: 92570816008** Collected: 11/04/21 12:10 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 00:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 00:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 00:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 00:06	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 00:06	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 00:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 00:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 00:06	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 00:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 00:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 00:06	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 00:06	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 00:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 00:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 00:06	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 00:06	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 00:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 00:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 00:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 00:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 00:06	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 00:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 00:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 00:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 00:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 00:06	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 00:06	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 00:06	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 00:06	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		11/06/21 00:06	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/06/21 00:06	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/06/21 00:06	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-03 **Lab ID: 92570816009** Collected: 11/04/21 12:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**2120**	ug/L	50.0	50.0	1		11/06/21 07:37		N2
Aliphatic (C05-C08)	**2110**	ug/L	50.0	50.0	1		11/06/21 07:37		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 07:37		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 07:37		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		11/06/21 07:37	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1		11/06/21 07:37	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:28	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 00:24	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 00:24	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 00:24	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 00:24	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 00:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 00:24	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 00:24	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 00:24	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 00:24	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 00:24	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 00:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 00:24	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 00:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 00:24	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 00:24	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 00:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 00:24	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 00:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 00:24	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 00:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 00:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 00:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 00:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 00:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 00:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 00:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 00:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 00:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 00:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 00:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 00:24	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-03 **Lab ID: 92570816009** Collected: 11/04/21 12:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 00:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 00:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 00:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 00:24	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 00:24	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 00:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 00:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 00:24	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 00:24	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 00:24	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 00:24	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 00:24	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 00:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 00:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 00:24	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 00:24	127-18-4	
Toluene	**6.4**	ug/L	0.50	0.48	1		11/06/21 00:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 00:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 00:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 00:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 00:24	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 00:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 00:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 00:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 00:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 00:24	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 00:24	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 00:24	179601-23-1	
o-Xylene	**0.66**	ug/L	0.50	0.34	1		11/06/21 00:24	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		11/06/21 00:24	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/06/21 00:24	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		11/06/21 00:24	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-35 **Lab ID: 92570816010** Collected: 11/04/21 12:10 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 08:05		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 08:05		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 08:05		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 08:05		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/06/21 08:05	460-00-4	
4-Bromofluorobenzene (PID) (S)	93	%	70-130		1		11/06/21 08:05	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:31	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 00:42	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 00:42	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 00:42	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 00:42	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 00:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 00:42	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 00:42	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 00:42	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 00:42	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 00:42	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 00:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 00:42	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 00:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 00:42	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 00:42	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 00:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 00:42	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 00:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 00:42	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 00:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 00:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 00:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 00:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 00:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 00:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 00:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 00:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 00:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 00:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 00:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 00:42	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-35 **Lab ID: 92570816010** Collected: 11/04/21 12:10 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 00:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 00:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 00:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 00:42	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 00:42	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 00:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 00:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 00:42	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 00:42	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 00:42	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 00:42	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 00:42	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 00:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 00:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 00:42	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 00:42	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 00:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 00:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 00:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 00:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 00:42	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 00:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 00:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 00:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 00:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 00:42	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 00:42	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 00:42	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 00:42	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		11/06/21 00:42	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/06/21 00:42	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/06/21 00:42	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-57 **Lab ID: 92570816011** Collected: 11/04/21 11:15 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 08:33		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 08:33		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 08:33		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 08:33		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		11/06/21 08:33	460-00-4	
4-Bromofluorobenzene (PID) (S)	90	%	70-130		1		11/06/21 08:33	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:34	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 01:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 01:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 01:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 01:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 01:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 01:00	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 01:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 01:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 01:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 01:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 01:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 01:00	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 01:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 01:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 01:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 01:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 01:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 01:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 01:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 01:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 01:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 01:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 01:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 01:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 01:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 01:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 01:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 01:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 01:00	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-57 **Lab ID: 92570816011** Collected: 11/04/21 11:15 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 01:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 01:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 01:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 01:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 01:00	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 01:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 01:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 01:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 01:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 01:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 01:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 01:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 01:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 01:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 01:00	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 01:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 01:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 01:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 01:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 01:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 01:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 01:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 01:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 01:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 01:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 01:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 01:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 01:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/06/21 01:00	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/06/21 01:00	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/06/21 01:00	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-04D **Lab ID: 92570816012** Collected: 11/04/21 13:30 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 09:01		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 09:01		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 09:01		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 09:01		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		11/06/21 09:01	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1		11/06/21 09:01	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:38	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 04:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 04:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 04:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 04:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 04:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 04:00	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 04:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 04:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 04:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 04:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 04:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 04:00	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 04:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 04:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 04:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 04:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 04:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 04:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 04:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 04:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 04:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 04:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 04:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 04:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 04:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 04:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 04:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 04:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 04:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 04:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 04:00	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-04D **Lab ID: 92570816012** Collected: 11/04/21 13:30 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 04:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 04:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 04:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 04:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 04:00	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 04:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 04:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 04:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 04:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 04:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 04:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 04:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 04:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 04:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 04:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 04:00	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 04:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 04:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 04:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 04:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 04:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 04:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 04:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 04:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 04:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 04:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 04:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 04:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 04:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		11/06/21 04:00	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/06/21 04:00	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/06/21 04:00	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-96 **Lab ID: 92570816013** Collected: 11/04/21 13:26 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 09:32		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 09:32		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 09:32		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 09:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	92	%	70-130		1		11/06/21 09:32	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130		1		11/06/21 09:32	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:41	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 04:19	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 04:19	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 04:19	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 04:19	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 04:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 04:19	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 04:19	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 04:19	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 04:19	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 04:19	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 04:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 04:19	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 04:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 04:19	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 04:19	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 04:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 04:19	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 04:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 04:19	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 04:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 04:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 04:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 04:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 04:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 04:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 04:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 04:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 04:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 04:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 04:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 04:19	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-96 **Lab ID: 92570816013** Collected: 11/04/21 13:26 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 04:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 04:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 04:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 04:19	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 04:19	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 04:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 04:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 04:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 04:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 04:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 04:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 04:19	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 04:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 04:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 04:19	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 04:19	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 04:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 04:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 04:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 04:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 04:19	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 04:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 04:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 04:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 04:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 04:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 04:19	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 04:19	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 04:19	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		11/06/21 04:19	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/06/21 04:19	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/06/21 04:19	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-02 **Lab ID: 92570816014** Collected: 11/04/21 14:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 10:00		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 10:00		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 10:00		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 10:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		11/06/21 10:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/06/21 10:00	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 20:44	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 01:18	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 01:18	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 01:18	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 01:18	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 01:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 01:18	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 01:18	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 01:18	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 01:18	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 01:18	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 01:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 01:18	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 01:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 01:18	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 01:18	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 01:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 01:18	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 01:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 01:18	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 01:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 01:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 01:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 01:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 01:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 01:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 01:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 01:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 01:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 01:18	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-02 **Lab ID: 92570816014** Collected: 11/04/21 14:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 01:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 01:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 01:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 01:18	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 01:18	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 01:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 01:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 01:18	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 01:18	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 01:18	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 01:18	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:18	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 01:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 01:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 01:18	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 01:18	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 01:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 01:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 01:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 01:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 01:18	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 01:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 01:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 01:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 01:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 01:18	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 01:18	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 01:18	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 01:18	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		11/06/21 01:18	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/06/21 01:18	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/06/21 01:18	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-09 **Lab ID: 92570816015** Collected: 11/04/21 14:30 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 10:28		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 10:28		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 10:28		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 10:28		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/06/21 10:28	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/06/21 10:28	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 21:01	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 01:36	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 01:36	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 01:36	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 01:36	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 01:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 01:36	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 01:36	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 01:36	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 01:36	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 01:36	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 01:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 01:36	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 01:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 01:36	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 01:36	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 01:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 01:36	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 01:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 01:36	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 01:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 01:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 01:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 01:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 01:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 01:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 01:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 01:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 01:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 01:36	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-09 **Lab ID: 92570816015** Collected: 11/04/21 14:30 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 01:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 01:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 01:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 01:36	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 01:36	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 01:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 01:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 01:36	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 01:36	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 01:36	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 01:36	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:36	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 01:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 01:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 01:36	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 01:36	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 01:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 01:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 01:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 01:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 01:36	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 01:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 01:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 01:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 01:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 01:36	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 01:36	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 01:36	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 01:36	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		11/06/21 01:36	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/06/21 01:36	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/06/21 01:36	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-05 **Lab ID: 92570816016** Collected: 11/04/21 14:35 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 10:57		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 10:57		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 10:57		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 10:57		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/06/21 10:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/06/21 10:57	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 21:04	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 01:54	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 01:54	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 01:54	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 01:54	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 01:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 01:54	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 01:54	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 01:54	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 01:54	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 01:54	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 01:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 01:54	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 01:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 01:54	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 01:54	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 01:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 01:54	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 01:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 01:54	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 01:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 01:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 01:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 01:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 01:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 01:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 01:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 01:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 01:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 01:54	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-05 **Lab ID: 92570816016** Collected: 11/04/21 14:35 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 01:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 01:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 01:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 01:54	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 01:54	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 01:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 01:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 01:54	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 01:54	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 01:54	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 01:54	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 01:54	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 01:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 01:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 01:54	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 01:54	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 01:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 01:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 01:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 01:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 01:54	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 01:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 01:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 01:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 01:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 01:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 01:54	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 01:54	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 01:54	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		11/06/21 01:54	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/06/21 01:54	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/06/21 01:54	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-56 **Lab ID: 92570816017** Collected: 11/04/21 13:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 17:57		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 17:57		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 17:57		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 17:57		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/06/21 17:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/06/21 17:57	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 21:08	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 02:12	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 02:12	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 02:12	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 02:12	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 02:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 02:12	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 02:12	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 02:12	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 02:12	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 02:12	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 02:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 02:12	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 02:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 02:12	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 02:12	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 02:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 02:12	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 02:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 02:12	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 02:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 02:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 02:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 02:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 02:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 02:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 02:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 02:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 02:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 02:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 02:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 02:12	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-56 **Lab ID: 92570816017** Collected: 11/04/21 13:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 02:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 02:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 02:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 02:12	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 02:12	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 02:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 02:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 02:12	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 02:12	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 02:12	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 02:12	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 02:12	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 02:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 02:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 02:12	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 02:12	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 02:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 02:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 02:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 02:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 02:12	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 02:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 02:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 02:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 02:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 02:12	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 02:12	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 02:12	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 02:12	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		11/06/21 02:12	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/06/21 02:12	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/06/21 02:12	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-15 **Lab ID: 92570816018** Collected: 11/04/21 15:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 18:26		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 18:26		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 18:26		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 18:26		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/06/21 18:26	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/06/21 18:26	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 21:11	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/06/21 02:30	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/06/21 02:30	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/06/21 02:30	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/06/21 02:30	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/06/21 02:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/06/21 02:30	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/06/21 02:30	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/06/21 02:30	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/06/21 02:30	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/06/21 02:30	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/06/21 02:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/06/21 02:30	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/06/21 02:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/06/21 02:30	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 02:30	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/06/21 02:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/06/21 02:30	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/06/21 02:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/06/21 02:30	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/06/21 02:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 02:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/06/21 02:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/06/21 02:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/06/21 02:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/06/21 02:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 02:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/06/21 02:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 02:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/06/21 02:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/06/21 02:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/06/21 02:30	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-15 **Lab ID: 92570816018** Collected: 11/04/21 15:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/06/21 02:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/06/21 02:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 02:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/06/21 02:30	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/06/21 02:30	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/06/21 02:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/06/21 02:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/06/21 02:30	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/06/21 02:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/06/21 02:30	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/06/21 02:30	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/06/21 02:30	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/06/21 02:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/06/21 02:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/06/21 02:30	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/06/21 02:30	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/06/21 02:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/06/21 02:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/06/21 02:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/06/21 02:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/06/21 02:30	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/06/21 02:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/06/21 02:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/06/21 02:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/06/21 02:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/06/21 02:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/06/21 02:30	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/06/21 02:30	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/06/21 02:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		11/06/21 02:30	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/06/21 02:30	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/06/21 02:30	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-36DR **Lab ID: 92570816019** Collected: 11/04/21 15:55 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 18:53		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 18:53		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 18:53		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 18:53		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/06/21 18:53	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/06/21 18:53	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 21:15	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 16:53	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 16:53	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 16:53	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 16:53	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 16:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 16:53	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 16:53	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 16:53	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 16:53	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 16:53	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 16:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 16:53	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 16:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 16:53	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 16:53	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 16:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 16:53	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 16:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 16:53	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 16:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 16:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 16:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 16:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 16:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 16:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 16:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 16:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 16:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 16:53	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-36DR **Lab ID: 92570816019** Collected: 11/04/21 15:55 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 16:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 16:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 16:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 16:53	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 16:53	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 16:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 16:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 16:53	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 16:53	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 16:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 16:53	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:53	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 16:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 16:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 16:53	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 16:53	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 16:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 16:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 16:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 16:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 16:53	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 16:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 16:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 16:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 16:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 16:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 16:53	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 16:53	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 16:53	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		11/05/21 16:53	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		11/05/21 16:53	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/05/21 16:53	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-06 **Lab ID: 92570816020** Collected: 11/04/21 15:20 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 19:21		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 19:21		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 19:21		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 19:21		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/06/21 19:21	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/06/21 19:21	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 21:18	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 17:10	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 17:10	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 17:10	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 17:10	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 17:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 17:10	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 17:10	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 17:10	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 17:10	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 17:10	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 17:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 17:10	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 17:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 17:10	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 17:10	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 17:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 17:10	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 17:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 17:10	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 17:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 17:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 17:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 17:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 17:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 17:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 17:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 17:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 17:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 17:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 17:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 17:10	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-06 **Lab ID: 92570816020** Collected: 11/04/21 15:20 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 17:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 17:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 17:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 17:10	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 17:10	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 17:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 17:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 17:10	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 17:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 17:10	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 17:10	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 17:10	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 17:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 17:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 17:10	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 17:10	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 17:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 17:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 17:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 17:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 17:10	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 17:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 17:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 17:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 17:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 17:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 17:10	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 17:10	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 17:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		11/05/21 17:10	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/05/21 17:10	460-00-4	
Toluene-d8 (S)	105	%	70-130		1		11/05/21 17:10	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-95 **Lab ID: 92570816021** Collected: 11/04/21 15:35 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 19:50		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 19:50		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 19:50		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 19:50		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		11/06/21 19:50	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		11/06/21 19:50	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 21:21	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 18:20	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 18:20	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 18:20	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 18:20	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 18:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 18:20	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 18:20	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 18:20	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 18:20	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 18:20	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 18:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 18:20	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 18:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 18:20	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 18:20	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 18:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 18:20	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 18:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 18:20	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 18:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 18:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 18:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 18:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 18:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 18:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 18:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 18:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 18:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 18:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 18:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 18:20	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-95 **Lab ID: 92570816021** Collected: 11/04/21 15:35 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 18:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 18:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 18:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 18:20	10061-02-6	
Diisopropyl ether	**2.1**	ug/L	0.50	0.31	1		11/05/21 18:20	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 18:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 18:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 18:20	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 18:20	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 18:20	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 18:20	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 18:20	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 18:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 18:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 18:20	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 18:20	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 18:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 18:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 18:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 18:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 18:20	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 18:20	79-01-6	
Trichlorofluoromethane	**0.51J**	ug/L	1.0	0.30	1		11/05/21 18:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 18:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 18:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 18:20	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 18:20	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 18:20	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 18:20	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		11/05/21 18:20	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/05/21 18:20	460-00-4	
Toluene-d8 (S)	105	%	70-130		1		11/05/21 18:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-59 **Lab ID: 92570816022** Collected: 11/04/21 16:10 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 20:18		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 20:18		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 20:18		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 20:18		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/06/21 20:18	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/06/21 20:18	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 21:51	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 17:28	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 17:28	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 17:28	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 17:28	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 17:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 17:28	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 17:28	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 17:28	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 17:28	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 17:28	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 17:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 17:28	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 17:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 17:28	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 17:28	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 17:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 17:28	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 17:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 17:28	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 17:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 17:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 17:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 17:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 17:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 17:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 17:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 17:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 17:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 17:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 17:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 17:28	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: MW-59 **Lab ID: 92570816022** Collected: 11/04/21 16:10 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 17:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 17:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 17:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 17:28	10061-02-6	
Diisopropyl ether	**0.48J**	ug/L	0.50	0.31	1		11/05/21 17:28	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 17:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 17:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 17:28	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 17:28	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 17:28	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 17:28	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 17:28	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 17:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 17:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 17:28	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 17:28	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 17:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 17:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 17:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 17:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 17:28	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 17:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 17:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 17:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 17:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 17:28	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 17:28	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 17:28	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 17:28	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		11/05/21 17:28	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/05/21 17:28	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/05/21 17:28	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: DUP-1-20211104 **Lab ID: 92570816023** Collected: 11/04/21 00:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 20:47		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 20:47		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 20:47		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 20:47		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/06/21 20:47	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/06/21 20:47	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 21:55	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 18:38	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 18:38	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 18:38	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 18:38	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 18:38	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 18:38	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 18:38	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 18:38	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 18:38	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 18:38	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 18:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 18:38	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 18:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 18:38	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 18:38	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 18:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 18:38	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 18:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 18:38	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 18:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 18:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 18:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 18:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 18:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 18:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 18:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 18:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 18:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 18:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 18:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 18:38	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: DUP-1-20211104 **Lab ID: 92570816023** Collected: 11/04/21 00:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 18:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 18:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 18:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 18:38	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 18:38	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 18:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 18:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 18:38	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 18:38	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 18:38	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 18:38	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 18:38	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 18:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 18:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 18:38	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 18:38	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 18:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 18:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 18:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 18:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 18:38	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 18:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 18:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 18:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 18:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 18:38	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 18:38	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 18:38	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 18:38	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		11/05/21 18:38	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/05/21 18:38	460-00-4	
Toluene-d8 (S)	105	%	70-130		1		11/05/21 18:38	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: DUP-2-20211104 **Lab ID: 92570816024** Collected: 11/04/21 00:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 21:15		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 21:15		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 21:15		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 21:15		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/06/21 21:15	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/06/21 21:15	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 21:58	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 18:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 18:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 18:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 18:55	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 18:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 18:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 18:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 18:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 18:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 18:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 18:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 18:55	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 18:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 18:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 18:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 18:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 18:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 18:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 18:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 18:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 18:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 18:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 18:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 18:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 18:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 18:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 18:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 18:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 18:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 18:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 18:55	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: DUP-2-20211104 **Lab ID: 92570816024** Collected: 11/04/21 00:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 18:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 18:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 18:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 18:55	10061-02-6	
Diisopropyl ether	**2.1**	ug/L	0.50	0.31	1		11/05/21 18:55	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 18:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 18:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 18:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 18:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 18:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 18:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 18:55	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 18:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 18:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 18:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 18:55	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 18:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 18:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 18:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 18:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 18:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 18:55	79-01-6	
Trichlorofluoromethane	**0.32J**	ug/L	1.0	0.30	1		11/05/21 18:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 18:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 18:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 18:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 18:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 18:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 18:55	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		11/05/21 18:55	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/05/21 18:55	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/05/21 18:55	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: EB-1-20211104 **Lab ID: 92570816025** Collected: 11/04/21 16:30 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 21:43		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 21:43		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 21:43		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 21:43		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/06/21 21:43	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		11/06/21 21:43	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:01	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 15:24	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 15:24	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 15:24	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 15:24	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 15:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 15:24	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 15:24	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 15:24	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 15:24	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 15:24	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 15:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 15:24	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 15:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 15:24	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 15:24	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 15:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 15:24	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 15:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 15:24	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 15:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 15:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 15:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 15:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 15:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 15:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 15:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 15:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 15:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 15:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 15:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 15:24	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: EB-1-20211104 **Lab ID: 92570816025** Collected: 11/04/21 16:30 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 15:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 15:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 15:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 15:24	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 15:24	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 15:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 15:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 15:24	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 15:24	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 15:24	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 15:24	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 15:24	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 15:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 15:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 15:24	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 15:24	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 15:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 15:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 15:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 15:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 15:24	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 15:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 15:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 15:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 15:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 15:24	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 15:24	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 15:24	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 15:24	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/05/21 15:24	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		11/05/21 15:24	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/05/21 15:24	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: EB-2-20211104 **Lab ID: 92570816026** Collected: 11/04/21 16:05 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 22:11		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 22:11		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 22:11		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 22:11		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		11/06/21 22:11	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/06/21 22:11	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:05	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 15:42	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 15:42	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 15:42	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 15:42	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 15:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 15:42	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 15:42	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 15:42	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 15:42	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 15:42	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 15:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 15:42	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 15:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 15:42	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 15:42	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 15:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 15:42	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 15:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 15:42	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 15:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 15:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 15:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 15:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 15:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 15:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 15:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 15:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 15:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 15:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 15:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 15:42	142-28-9	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: EB-2-20211104 **Lab ID: 92570816026** Collected: 11/04/21 16:05 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 15:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 15:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 15:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 15:42	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 15:42	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 15:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 15:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 15:42	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 15:42	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 15:42	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 15:42	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 15:42	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 15:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 15:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 15:42	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 15:42	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 15:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 15:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 15:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 15:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 15:42	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 15:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 15:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 15:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 15:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 15:42	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 15:42	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 15:42	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 15:42	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/05/21 15:42	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/05/21 15:42	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/05/21 15:42	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: FB-1-20211104 **Lab ID: 92570816027** Collected: 11/04/21 16:50 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 22:39		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 22:39		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 22:39		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 22:39		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		11/06/21 22:39	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/06/21 22:39	460-00-4	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 16:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 16:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 16:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 16:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 16:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 16:00	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 16:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 16:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 16:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 16:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 16:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 16:00	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 16:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 16:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 16:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 16:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 16:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 16:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 16:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 16:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 16:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 16:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 16:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 16:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 16:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 16:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 16:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 16:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 16:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 16:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 16:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 16:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 16:00	10061-02-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: FB-1-20211104 **Lab ID: 92570816027** Collected: 11/04/21 16:50 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 16:00	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 16:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 16:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 16:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 16:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 16:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 16:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 16:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 16:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 16:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 16:00	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 16:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 16:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 16:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 16:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 16:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 16:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 16:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 16:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 16:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 16:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 16:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 16:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 16:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/05/21 16:00	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		11/05/21 16:00	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/05/21 16:00	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: FB-2-20211104 **Lab ID: 92570816028** Collected: 11/04/21 16:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 23:07		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 23:07		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 23:07		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 23:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		11/06/21 23:07	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/06/21 23:07	460-00-4	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 16:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 16:17	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 16:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 16:17	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 16:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 16:17	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 16:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 16:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 16:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 16:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 16:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 16:17	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 16:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 16:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 16:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 16:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 16:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 16:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 16:17	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 16:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 16:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 16:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 16:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 16:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 16:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 16:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 16:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 16:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 16:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 16:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 16:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 16:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 16:17	10061-02-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: FB-2-20211104 **Lab ID: 92570816028** Collected: 11/04/21 16:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 16:17	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 16:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 16:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 16:17	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 16:17	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 16:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 16:17	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:17	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 16:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 16:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 16:17	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 16:17	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 16:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 16:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 16:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 16:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 16:17	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 16:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 16:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 16:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 16:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 16:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 16:17	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 16:17	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 16:17	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		11/05/21 16:17	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/05/21 16:17	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/05/21 16:17	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: TRIP BLANK **Lab ID: 92570816029** Collected: 11/04/21 00:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 16:35	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 16:35	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 16:35	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 16:35	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 16:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 16:35	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 16:35	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 16:35	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 16:35	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 16:35	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 16:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 16:35	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 16:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 16:35	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 16:35	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 16:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 16:35	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 16:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 16:35	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 16:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 16:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 16:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 16:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 16:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 16:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 16:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 16:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 16:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 16:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 16:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 16:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 16:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 16:35	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 16:35	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 16:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 16:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 16:35	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 16:35	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 16:35	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 16:35	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 16:35	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 16:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 16:35	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Sample: TRIP BLANK **Lab ID: 92570816029** Collected: 11/04/21 00:00 Received: 11/04/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 16:35	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 16:35	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 16:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 16:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 16:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 16:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 16:35	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 16:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 16:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 16:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 16:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 16:35	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 16:35	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 16:35	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 16:35	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		11/05/21 16:35	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/05/21 16:35	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/05/21 16:35	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

QC Batch: 657986 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92570816001, 92570816002, 92570816003, 92570816004, 92570816005, 92570816006, 92570816007, 92570816008, 92570816009, 92570816010, 92570816011, 92570816012, 92570816013, 92570816014, 92570816015, 92570816016

METHOD BLANK: 3449145 Matrix: Water

Associated Lab Samples: 92570816001, 92570816002, 92570816003, 92570816004, 92570816005, 92570816006, 92570816007, 92570816008, 92570816009, 92570816010, 92570816011, 92570816012, 92570816013, 92570816014, 92570816015, 92570816016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/05/21 17:02	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/05/21 17:02	N2
4-Bromofluorobenzene (FID) (S)	%	104	70-130		11/05/21 17:02	
4-Bromofluorobenzene (PID) (S)	%	100	70-130		11/05/21 17:02	

LABORATORY CONTROL SAMPLE & LCSD: 3449146 3449147

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	297	300	99	100	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	105	108	105	108	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				95	95	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

QC Batch: 658061 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570816017, 92570816018, 92570816019, 92570816020, 92570816021, 92570816022, 92570816023, 92570816024, 92570816025, 92570816026, 92570816027, 92570816028

METHOD BLANK: 3449433 Matrix: Water
Associated Lab Samples: 92570816017, 92570816018, 92570816019, 92570816020, 92570816021, 92570816022, 92570816023, 92570816024, 92570816025, 92570816026, 92570816027, 92570816028

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/06/21 16:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/06/21 16:32	N2
4-Bromofluorobenzene (FID) (S)	%	104	70-130		11/06/21 16:32	
4-Bromofluorobenzene (PID) (S)	%	98	70-130		11/06/21 16:32	

LABORATORY CONTROL SAMPLE & LCSD: 3449434 3449435

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	300	273	100	91	70-130	10	25	N2
Aromatic (C09-C10)	ug/L	100	108	102	108	102	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	100	70-130			
4-Bromofluorobenzene (PID) (S)	%				93	93	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

QC Batch: 658027 — Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A — Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92570816002, 92570816003, 92570816004, 92570816005, 92570816006, 92570816007, 92570816008, 92570816009, 92570816010, 92570816011, 92570816012, 92570816013, 92570816014, 92570816015, 92570816016, 92570816017, 92570816018, 92570816019, 92570816020, 92570816021

METHOD BLANK: 3449360 — Matrix: Water

Associated Lab Samples: 92570816002, 92570816003, 92570816004, 92570816005, 92570816006, 92570816007, 92570816008, 92570816009, 92570816010, 92570816011, 92570816012, 92570816013, 92570816014, 92570816015, 92570816016, 92570816017, 92570816018, 92570816019, 92570816020, 92570816021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/08/21 19:41	

LABORATORY CONTROL SAMPLE: 3449361

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	465	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3449362 3449363

Parameter	Units	92570816002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	14.2	500	500	517	507	100	98	75-125	2	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

QC Batch: 658028 | Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A | Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92570816001, 92570816022, 92570816023, 92570816024, 92570816025, 92570816026

METHOD BLANK: 3449364 Matrix: Water
Associated Lab Samples: 92570816001, 92570816022, 92570816023, 92570816024, 92570816025, 92570816026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/08/21 21:25	

LABORATORY CONTROL SAMPLE: 3449365

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	514	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3449366 3449367

Parameter	Units	92570816001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	492	467	98	93	75-125	5	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

QC Batch: 657862
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570816001, 92570816002, 92570816003, 92570816004, 92570816005, 92570816006, 92570816007, 92570816008, 92570816009, 92570816010, 92570816011, 92570816012, 92570816013, 92570816014, 92570816015, 92570816016, 92570816017, 92570816018

METHOD BLANK: 3448349
Matrix: Water
Associated Lab Samples: 92570816001, 92570816002, 92570816003, 92570816004, 92570816005, 92570816006, 92570816007, 92570816008, 92570816009, 92570816010, 92570816011, 92570816012, 92570816013, 92570816014, 92570816015, 92570816016, 92570816017, 92570816018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/05/21 22:18	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/05/21 22:18	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/05/21 22:18	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/05/21 22:18	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/05/21 22:18	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/05/21 22:18	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/05/21 22:18	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/05/21 22:18	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/05/21 22:18	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/05/21 22:18	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/05/21 22:18	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/05/21 22:18	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/05/21 22:18	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 22:18	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/05/21 22:18	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/05/21 22:18	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/05/21 22:18	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 22:18	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/05/21 22:18	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/05/21 22:18	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/05/21 22:18	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 22:18	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 22:18	
Benzene	ug/L	ND	0.50	0.34	11/05/21 22:18	
Bromobenzene	ug/L	ND	0.50	0.29	11/05/21 22:18	
Bromochloromethane	ug/L	ND	0.50	0.47	11/05/21 22:18	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/05/21 22:18	
Bromoform	ug/L	ND	0.50	0.34	11/05/21 22:18	
Bromomethane	ug/L	ND	5.0	1.7	11/05/21 22:18	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/05/21 22:18	
Chlorobenzene	ug/L	ND	0.50	0.28	11/05/21 22:18	
Chloroethane	ug/L	ND	1.0	0.65	11/05/21 22:18	
Chloroform	ug/L	ND	0.50	0.35	11/05/21 22:18	
Chloromethane	ug/L	ND	1.0	0.54	11/05/21 22:18	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/05/21 22:18	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 22:18	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/05/21 22:18	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

METHOD BLANK: 3448349 Matrix: Water

Associated Lab Samples: 92570816001, 92570816002, 92570816003, 92570816004, 92570816005, 92570816006, 92570816007, 92570816008, 92570816009, 92570816010, 92570816011, 92570816012, 92570816013, 92570816014, 92570816015, 92570816016, 92570816017, 92570816018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	0.50	0.39	11/05/21 22:18	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/05/21 22:18	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/05/21 22:18	
Ethylbenzene	ug/L	ND	0.50	0.30	11/05/21 22:18	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/05/21 22:18	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/05/21 22:18	
m&p-Xylene	ug/L	ND	1.0	0.71	11/05/21 22:18	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/05/21 22:18	
Methylene Chloride	ug/L	ND	2.0	2.0	11/05/21 22:18	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/05/21 22:18	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/05/21 22:18	
Naphthalene	ug/L	ND	2.0	0.64	11/05/21 22:18	
o-Xylene	ug/L	ND	0.50	0.34	11/05/21 22:18	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/05/21 22:18	
Styrene	ug/L	ND	0.50	0.29	11/05/21 22:18	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/05/21 22:18	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/05/21 22:18	
Toluene	ug/L	ND	0.50	0.48	11/05/21 22:18	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/05/21 22:18	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 22:18	
Trichloroethene	ug/L	ND	0.50	0.38	11/05/21 22:18	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/05/21 22:18	
Vinyl chloride	ug/L	ND	1.0	0.39	11/05/21 22:18	
1,2-Dichloroethane-d4 (S)	%	101	70-130		11/05/21 22:18	
4-Bromofluorobenzene (S)	%	96	70-130		11/05/21 22:18	
Toluene-d8 (S)	%	101	70-130		11/05/21 22:18	

LABORATORY CONTROL SAMPLE: 3448350

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.5	99	60-140	
1,1,1-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	60-140	
1,1,2-Trichloroethane	ug/L	50	48.1	96	60-140	
1,1-Dichloroethane	ug/L	50	45.5	91	60-140	
1,1-Dichloroethene	ug/L	50	45.6	91	60-140	
1,1-Dichloropropene	ug/L	50	46.6	93	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.8	104	60-140	
1,2,3-Trichloropropane	ug/L	50	46.4	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.7	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.8	106	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

LABORATORY CONTROL SAMPLE: 3448350

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	48.2	96	60-140	
1,2-Dichlorobenzene	ug/L	50	47.5	95	60-140	
1,2-Dichloroethane	ug/L	50	43.6	87	60-140	
1,2-Dichloropropane	ug/L	50	47.2	94	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.7	95	60-140	
1,3-Dichlorobenzene	ug/L	50	46.8	94	60-140	
1,3-Dichloropropane	ug/L	50	46.7	93	60-140	
1,4-Dichlorobenzene	ug/L	50	48.0	96	60-140	
2,2-Dichloropropane	ug/L	50	47.6	95	60-140	
2-Chlorotoluene	ug/L	50	48.6	97	60-140	
4-Chlorotoluene	ug/L	50	45.2	90	60-140	
Benzene	ug/L	50	48.3	97	60-140	
Bromobenzene	ug/L	50	47.0	94	60-140	
Bromochloromethane	ug/L	50	45.7	91	60-140	
Bromodichloromethane	ug/L	50	48.4	97	60-140	
Bromoform	ug/L	50	52.0	104	60-140	
Bromomethane	ug/L	50	51.6	103	60-140	
Carbon tetrachloride	ug/L	50	50.1	100	60-140	
Chlorobenzene	ug/L	50	48.3	97	60-140	
Chloroethane	ug/L	50	58.4	117	60-140	
Chloroform	ug/L	50	46.1	92	60-140	
Chloromethane	ug/L	50	48.5	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.9	96	60-140	
Dibromochloromethane	ug/L	50	53.3	107	60-140	
Dibromomethane	ug/L	50	49.1	98	60-140	
Dichlorodifluoromethane	ug/L	50	62.3	125	60-140	
Diisopropyl ether	ug/L	50	43.8	88	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	51.6	103	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.9	102	60-140	
m&p-Xylene	ug/L	100	96.9	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.2	88	60-140	
Methylene Chloride	ug/L	50	49.2	98	60-140	
n-Butylbenzene	ug/L	50	47.2	94	60-140	
n-Propylbenzene	ug/L	50	46.6	93	60-140	
Naphthalene	ug/L	50	49.5	99	60-140	
o-Xylene	ug/L	50	48.2	96	60-140	
sec-Butylbenzene	ug/L	50	46.9	94	60-140	
Styrene	ug/L	50	49.6	99	60-140	
tert-Butylbenzene	ug/L	50	39.3	79	60-140	
Tetrachloroethene	ug/L	50	49.7	99	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.4	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.2	94	60-140	
Trichloroethene	ug/L	50	49.2	98	60-140	
Trichlorofluoromethane	ug/L	50	53.4	107	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

LABORATORY CONTROL SAMPLE: 3448350

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	50	50.3	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3448351 3448352

Parameter	Units	92570483006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.6	19.2	98	96	60-140	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.4	20.1	102	101	60-140	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.0	17.6	90	88	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.5	17.9	92	90	60-140	3	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.7	18.7	99	94	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.0	19.7	100	98	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.7	20.5	103	103	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.1	18.0	95	90	60-140	6	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.0	16.0	85	80	60-140	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.8	18.2	94	91	60-140	3	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.3	16.9	87	84	60-140	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.3	18.1	96	91	60-140	6	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.3	18.0	96	90	60-140	7	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.0	17.6	90	88	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	17.9	16.4	89	82	60-140	9	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.2	17.4	91	87	60-140	4	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.2	18.1	91	90	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	17.4	17.2	87	86	60-140	1	30	
1,3-Dichloropropane	ug/L	ND	20	20	18.6	17.8	93	89	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.0	17.7	90	88	60-140	2	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.8	20.0	104	100	60-140	4	30	
2-Chlorotoluene	ug/L	ND	20	20	18.7	18.2	94	91	60-140	3	30	
4-Chlorotoluene	ug/L	ND	20	20	17.4	17.1	87	86	60-140	2	30	
Benzene	ug/L	ND	20	20	19.5	18.4	98	92	60-140	6	30	
Bromobenzene	ug/L	ND	20	20	18.5	18.3	92	92	60-140	1	30	
Bromochloromethane	ug/L	ND	20	20	19.8	18.5	99	92	60-140	7	30	
Bromodichloromethane	ug/L	0.50J	20	20	18.6	18.7	90	91	60-140	0	30	
Bromoform	ug/L	ND	20	20	19.2	17.8	96	89	60-140	7	30	
Bromomethane	ug/L	ND	20	20	19.8	20.3	99	102	60-140	3	30	
Carbon tetrachloride	ug/L	ND	20	20	20.0	20.0	100	100	60-140	0	30	
Chlorobenzene	ug/L	ND	20	20	19.3	18.5	96	93	60-140	4	30	
Chloroethane	ug/L	ND	20	20	27.1	26.9	135	134	60-140	1	30	
Chloroform	ug/L	4.2	20	20	23.8	23.4	98	96	60-140	2	30	
Chloromethane	ug/L	ND	20	20	19.8	19.5	99	97	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.7	19.2	98	96	60-140	3	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3448351 3448352

Parameter	Units	92570483006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.0	17.9	90	90	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	20.4	19.1	102	95	60-140	7	30	
Dibromomethane	ug/L	ND	20	20	18.8	18.2	94	91	60-140	3	30	
Dichlorodifluoromethane	ug/L	ND	20	20	26.0	26.4	130	132	60-140	2	30	
Diisopropyl ether	ug/L	ND	20	20	17.8	17.2	88	85	60-140	3	30	
Ethylbenzene	ug/L	ND	20	20	18.9	18.5	94	93	60-140	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.8	18.3	94	92	60-140	2	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.7	19.4	98	97	60-140	2	30	
m&p-Xylene	ug/L	ND	40	40	38.0	37.4	95	94	60-140	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.7	17.7	88	88	60-140	0	30	
Methylene Chloride	ug/L	ND	20	20	21.2	20.4	106	102	60-140	4	30	
n-Butylbenzene	ug/L	ND	20	20	17.6	17.5	88	87	60-140	1	30	
n-Propylbenzene	ug/L	ND	20	20	18.2	18.0	91	90	60-140	1	30	
Naphthalene	ug/L	ND	20	20	18.0	16.9	90	85	60-140	6	30	
o-Xylene	ug/L	ND	20	20	18.7	18.4	94	92	60-140	2	30	
sec-Butylbenzene	ug/L	ND	20	20	18.4	18.0	92	90	60-140	2	30	
Styrene	ug/L	ND	20	20	18.6	17.6	93	88	60-140	6	30	
tert-Butylbenzene	ug/L	ND	20	20	15.4	15.3	77	77	60-140	0	30	
Tetrachloroethene	ug/L	ND	20	20	20.7	19.8	103	99	60-140	4	30	
Toluene	ug/L	ND	20	20	19.0	19.0	93	93	60-140	0	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.9	19.5	100	97	60-140	2	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.0	16.9	90	85	60-140	6	30	
Trichloroethene	ug/L	ND	20	20	19.7	19.6	99	98	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.7	19.7	104	98	60-140	5	30	
Vinyl chloride	ug/L	ND	20	20	22.5	22.2	113	111	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						94	92	70-130			
4-Bromofluorobenzene (S)	%						100	98	70-130			
Toluene-d8 (S)	%						99	97	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

QC Batch: 657867
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570816019, 92570816020, 92570816021, 92570816022, 92570816023, 92570816024, 92570816025, 92570816026, 92570816027, 92570816028, 92570816029

METHOD BLANK: 3448386
Matrix: Water
Associated Lab Samples: 92570816019, 92570816020, 92570816021, 92570816022, 92570816023, 92570816024, 92570816025, 92570816026, 92570816027, 92570816028, 92570816029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/05/21 14:49	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/05/21 14:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/05/21 14:49	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/05/21 14:49	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/05/21 14:49	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/05/21 14:49	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/05/21 14:49	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/05/21 14:49	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/05/21 14:49	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/05/21 14:49	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/05/21 14:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/05/21 14:49	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/05/21 14:49	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 14:49	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/05/21 14:49	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/05/21 14:49	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/05/21 14:49	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 14:49	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/05/21 14:49	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/05/21 14:49	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/05/21 14:49	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 14:49	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 14:49	
Benzene	ug/L	ND	0.50	0.34	11/05/21 14:49	
Bromobenzene	ug/L	ND	0.50	0.29	11/05/21 14:49	
Bromochloromethane	ug/L	ND	0.50	0.47	11/05/21 14:49	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/05/21 14:49	
Bromoform	ug/L	ND	0.50	0.34	11/05/21 14:49	
Bromomethane	ug/L	ND	5.0	1.7	11/05/21 14:49	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/05/21 14:49	
Chlorobenzene	ug/L	ND	0.50	0.28	11/05/21 14:49	
Chloroethane	ug/L	ND	1.0	0.65	11/05/21 14:49	
Chloroform	ug/L	ND	0.50	0.35	11/05/21 14:49	
Chloromethane	ug/L	ND	1.0	0.54	11/05/21 14:49	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/05/21 14:49	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 14:49	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/05/21 14:49	
Dibromomethane	ug/L	ND	0.50	0.39	11/05/21 14:49	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/05/21 14:49	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

METHOD BLANK: 3448386 Matrix: Water

Associated Lab Samples: 92570816019, 92570816020, 92570816021, 92570816022, 92570816023, 92570816024, 92570816025, 92570816026, 92570816027, 92570816028, 92570816029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	0.31	11/05/21 14:49	
Ethylbenzene	ug/L	ND	0.50	0.30	11/05/21 14:49	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/05/21 14:49	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/05/21 14:49	
m&p-Xylene	ug/L	ND	1.0	0.71	11/05/21 14:49	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/05/21 14:49	
Methylene Chloride	ug/L	ND	2.0	2.0	11/05/21 14:49	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/05/21 14:49	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/05/21 14:49	
Naphthalene	ug/L	ND	2.0	0.64	11/05/21 14:49	
o-Xylene	ug/L	ND	0.50	0.34	11/05/21 14:49	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/05/21 14:49	
Styrene	ug/L	ND	0.50	0.29	11/05/21 14:49	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/05/21 14:49	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/05/21 14:49	
Toluene	ug/L	ND	0.50	0.48	11/05/21 14:49	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/05/21 14:49	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 14:49	
Trichloroethene	ug/L	ND	0.50	0.38	11/05/21 14:49	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/05/21 14:49	
Vinyl chloride	ug/L	ND	1.0	0.39	11/05/21 14:49	
1,2-Dichloroethane-d4 (S)	%	96	70-130		11/05/21 14:49	
4-Bromofluorobenzene (S)	%	101	70-130		11/05/21 14:49	
Toluene-d8 (S)	%	104	70-130		11/05/21 14:49	

LABORATORY CONTROL SAMPLE: 3448387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	60-140	
1,1,1-Trichloroethane	ug/L	50	54.8	110	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	54.3	109	60-140	
1,1-Dichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethene	ug/L	50	52.9	106	60-140	
1,1-Dichloropropene	ug/L	50	54.8	110	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.2	106	60-140	
1,2,3-Trichloropropane	ug/L	50	46.9	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.8	96	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	50.4	101	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.6	103	60-140	
1,2-Dichlorobenzene	ug/L	50	47.6	95	60-140	
1,2-Dichloroethane	ug/L	50	51.6	103	60-140	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

LABORATORY CONTROL SAMPLE: 3448387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	51.4	103	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.2	98	60-140	
1,3-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,3-Dichloropropane	ug/L	50	49.5	99	60-140	
1,4-Dichlorobenzene	ug/L	50	48.8	98	60-140	
2,2-Dichloropropane	ug/L	50	54.7	109	60-140	
2-Chlorotoluene	ug/L	50	47.9	96	60-140	
4-Chlorotoluene	ug/L	50	46.4	93	60-140	
Benzene	ug/L	50	49.6	99	60-140	
Bromobenzene	ug/L	50	48.4	97	60-140	
Bromochloromethane	ug/L	50	52.8	106	60-140	
Bromodichloromethane	ug/L	50	50.2	100	60-140	
Bromoform	ug/L	50	50.2	100	60-140	
Bromomethane	ug/L	50	54.1	108	60-140	
Carbon tetrachloride	ug/L	50	55.6	111	60-140	
Chlorobenzene	ug/L	50	46.9	94	60-140	
Chloroethane	ug/L	50	46.1	92	60-140	
Chloroform	ug/L	50	49.9	100	60-140	
Chloromethane	ug/L	50	50.4	101	60-140	
cis-1,2-Dichloroethene	ug/L	50	49.8	100	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.9	106	60-140	
Dibromochloromethane	ug/L	50	52.0	104	60-140	
Dibromomethane	ug/L	50	49.2	98	60-140	
Dichlorodifluoromethane	ug/L	50	56.1	112	60-140	
Diisopropyl ether	ug/L	50	54.8	110	60-140	
Ethylbenzene	ug/L	50	47.0	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.7	113	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.6	99	60-140	
m&p-Xylene	ug/L	100	94.9	95	60-140	
Methyl-tert-butyl ether	ug/L	50	55.0	110	60-140	
Methylene Chloride	ug/L	50	49.6	99	60-140	
n-Butylbenzene	ug/L	50	50.4	101	60-140	
n-Propylbenzene	ug/L	50	48.5	97	60-140	
Naphthalene	ug/L	50	51.5	103	60-140	
o-Xylene	ug/L	50	46.6	93	60-140	
sec-Butylbenzene	ug/L	50	48.0	96	60-140	
Styrene	ug/L	50	48.8	98	60-140	
tert-Butylbenzene	ug/L	50	40.5	81	60-140	
Tetrachloroethene	ug/L	50	48.6	97	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.5	105	60-140	
Trichloroethene	ug/L	50	51.2	102	60-140	
Trichlorofluoromethane	ug/L	50	48.3	97	60-140	
Vinyl chloride	ug/L	50	51.1	102	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

LABORATORY CONTROL SAMPLE: 3448387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3448388 3448389

Parameter	Units	92570816019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.7	21.1	99	105	60-140	7	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.9	24.2	114	121	60-140	6	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.3	20.3	96	101	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	23.0	111	115	60-140	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.9	22.7	110	114	60-140	3	30	
1,1-Dichloroethene	ug/L	ND	20	20	22.6	24.0	113	120	60-140	6	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.2	24.4	116	122	60-140	5	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.2	21.6	106	108	60-140	1	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.6	20.4	93	102	60-140	9	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.9	21.2	104	106	60-140	2	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.6	20.7	98	104	60-140	6	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.5	21.3	98	106	60-140	9	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.5	20.6	103	103	60-140	1	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.2	20.0	96	100	60-140	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.6	22.0	103	110	60-140	6	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.3	22.5	107	112	60-140	5	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.9	21.0	100	105	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	19.7	20.3	98	101	60-140	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.3	20.6	101	103	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.3	20.4	97	102	60-140	5	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.0	24.9	120	124	60-140	4	30	
2-Chlorotoluene	ug/L	ND	20	20	19.4	20.6	97	103	60-140	6	30	
4-Chlorotoluene	ug/L	ND	20	20	19.1	19.8	96	99	60-140	4	30	
Benzene	ug/L	ND	20	20	21.6	22.8	108	114	60-140	6	30	
Bromobenzene	ug/L	ND	20	20	19.5	21.5	98	107	60-140	10	30	
Bromochloromethane	ug/L	ND	20	20	21.9	23.1	110	115	60-140	5	30	
Bromodichloromethane	ug/L	ND	20	20	20.7	21.7	104	108	60-140	5	30	
Bromoform	ug/L	ND	20	20	20.0	20.4	100	102	60-140	2	30	
Bromomethane	ug/L	ND	20	20	23.9	25.0	120	125	60-140	4	30	
Carbon tetrachloride	ug/L	ND	20	20	23.3	25.1	117	125	60-140	7	30	
Chlorobenzene	ug/L	ND	20	20	19.2	20.0	96	100	60-140	4	30	
Chloroethane	ug/L	ND	20	20	23.4	24.9	117	124	60-140	6	30	
Chloroform	ug/L	ND	20	20	20.5	21.9	103	109	60-140	6	30	
Chloromethane	ug/L	ND	20	20	18.6	19.5	92	97	60-140	5	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.3	22.1	107	111	60-140	4	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.5	23.0	108	115	60-140	6	30	
Dibromochloromethane	ug/L	ND	20	20	20.6	21.5	103	107	60-140	4	30	
Dibromomethane	ug/L	ND	20	20	20.8	21.5	104	107	60-140	3	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3448388 3448389

Parameter	Units	92570816019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	21.8	23.0	109	115	60-140	5	30	
Diisopropyl ether	ug/L	ND	20	20	21.3	22.4	107	112	60-140	5	30	
Ethylbenzene	ug/L	ND	20	20	20.1	21.0	101	105	60-140	4	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.1	25.5	126	128	60-140	2	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.7	21.4	103	107	60-140	4	30	
m&p-Xylene	ug/L	ND	40	40	39.8	41.2	100	103	60-140	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.0	23.5	110	118	60-140	7	30	
Methylene Chloride	ug/L	ND	20	20	20.7	21.3	104	107	60-140	3	30	
n-Butylbenzene	ug/L	ND	20	20	20.8	21.8	104	109	60-140	4	30	
n-Propylbenzene	ug/L	ND	20	20	20.1	21.0	101	105	60-140	5	30	
Naphthalene	ug/L	ND	20	20	19.4	20.2	97	101	60-140	4	30	
o-Xylene	ug/L	ND	20	20	19.7	20.3	99	102	60-140	3	30	
sec-Butylbenzene	ug/L	ND	20	20	20.2	21.1	101	105	60-140	4	30	
Styrene	ug/L	ND	20	20	20.1	20.8	100	104	60-140	4	30	
tert-Butylbenzene	ug/L	ND	20	20	16.7	17.7	84	88	60-140	5	30	
Tetrachloroethene	ug/L	ND	20	20	20.0	21.0	100	105	60-140	5	30	
Toluene	ug/L	ND	20	20	20.6	22.0	103	110	60-140	7	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.0	23.8	110	119	60-140	8	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.1	22.3	105	111	60-140	6	30	
Trichloroethene	ug/L	ND	20	20	22.2	23.4	111	117	60-140	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.9	22.7	104	114	60-140	8	30	
Vinyl chloride	ug/L	ND	20	20	21.3	22.3	107	112	60-140	5	30	
1,2-Dichloroethane-d4 (S)	%						99	97	70-130			
4-Bromofluorobenzene (S)	%						98	99	70-130			
Toluene-d8 (S)	%						98	100	70-130			

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QUALIFIERS

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570816001	MW-12	MADEP VPH	657986		
92570816002	MW-57D	MADEP VPH	657986		
92570816003	MW-36	MADEP VPH	657986		
92570816004	MW-01	MADEP VPH	657986		
92570816005	MW-25D	MADEP VPH	657986		
92570816006	MW-04	MADEP VPH	657986		
92570816007	MW-90DD	MADEP VPH	657986		
92570816008	MW-30	MADEP VPH	657986		
92570816009	MW-03	MADEP VPH	657986		
92570816010	MW-35	MADEP VPH	657986		
92570816011	MW-57	MADEP VPH	657986		
92570816012	MW-04D	MADEP VPH	657986		
92570816013	MW-96	MADEP VPH	657986		
92570816014	MW-02	MADEP VPH	657986		
92570816015	MW-09	MADEP VPH	657986		
92570816016	MW-05	MADEP VPH	657986		
92570816017	MW-56	MADEP VPH	658061		
92570816018	MW-15	MADEP VPH	658061		
92570816019	MW-36DR	MADEP VPH	658061		
92570816020	MW-06	MADEP VPH	658061		
92570816021	MW-95	MADEP VPH	658061		
92570816022	MW-59	MADEP VPH	658061		
92570816023	DUP-1-20211104	MADEP VPH	658061		
92570816024	DUP-2-20211104	MADEP VPH	658061		
92570816025	EB-1-20211104	MADEP VPH	658061		
92570816026	EB-2-20211104	MADEP VPH	658061		
92570816027	FB-1-20211104	MADEP VPH	658061		
92570816028	FB-2-20211104	MADEP VPH	658061		
92570816001	MW-12	EPA 3010A	658028	EPA 6010D	658040
92570816002	MW-57D	EPA 3010A	658027	EPA 6010D	658039
92570816003	MW-36	EPA 3010A	658027	EPA 6010D	658039
92570816004	MW-01	EPA 3010A	658027	EPA 6010D	658039
92570816005	MW-25D	EPA 3010A	658027	EPA 6010D	658039
92570816006	MW-04	EPA 3010A	658027	EPA 6010D	658039
92570816007	MW-90DD	EPA 3010A	658027	EPA 6010D	658039
92570816008	MW-30	EPA 3010A	658027	EPA 6010D	658039
92570816009	MW-03	EPA 3010A	658027	EPA 6010D	658039
92570816010	MW-35	EPA 3010A	658027	EPA 6010D	658039
92570816011	MW-57	EPA 3010A	658027	EPA 6010D	658039
92570816012	MW-04D	EPA 3010A	658027	EPA 6010D	658039
92570816013	MW-96	EPA 3010A	658027	EPA 6010D	658039
92570816014	MW-02	EPA 3010A	658027	EPA 6010D	658039
92570816015	MW-09	EPA 3010A	658027	EPA 6010D	658039
92570816016	MW-05	EPA 3010A	658027	EPA 6010D	658039
92570816017	MW-56	EPA 3010A	658027	EPA 6010D	658039
92570816018	MW-15	EPA 3010A	658027	EPA 6010D	658039
92570816019	MW-36DR	EPA 3010A	658027	EPA 6010D	658039

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILE 60639876
Pace Project No.: 92570816

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570816020	**MW-06**	EPA 3010A	658027	EPA 6010D	658039
92570816021	**MW-95**	EPA 3010A	658027	EPA 6010D	658039
92570816022	**MW-59**	EPA 3010A	658028	EPA 6010D	658040
92570816023	**DUP-1-20211104**	EPA 3010A	658028	EPA 6010D	658040
92570816024	**DUP-2-20211104**	EPA 3010A	658028	EPA 6010D	658040
92570816025	**EB-1-20211104**	EPA 3010A	658028	EPA 6010D	658040
92570816026	**EB-2-20211104**	EPA 3010A	658028	EPA 6010D	658040
92570816001	**MW-12**	SM 6200B	657862		
92570816002	**MW-57D**	SM 6200B	657862		
92570816003	**MW-36**	SM 6200B	657862		
92570816004	**MW-01**	SM 6200B	657862		
92570816005	**MW-25D**	SM 6200B	657862		
92570816006	**MW-04**	SM 6200B	657862		
92570816007	**MW-90DD**	SM 6200B	657862		
92570816008	**MW-30**	SM 6200B	657862		
92570816009	**MW-03**	SM 6200B	657862		
92570816010	**MW-35**	SM 6200B	657862		
92570816011	**MW-57**	SM 6200B	657862		
92570816012	**MW-04D**	SM 6200B	657862		
92570816013	**MW-96**	SM 6200B	657862		
92570816014	**MW-02**	SM 6200B	657862		
92570816015	**MW-09**	SM 6200B	657862		
92570816016	**MW-05**	SM 6200B	657862		
92570816017	**MW-56**	SM 6200B	657862		
92570816018	**MW-15**	SM 6200B	657862		
92570816019	**MW-36DR**	SM 6200B	657867		
92570816020	**MW-06**	SM 6200B	657867		
92570816021	**MW-95**	SM 6200B	657867		
92570816022	**MW-59**	SM 6200B	657867		
92570816023	**DUP-1-20211104**	SM 6200B	657867		
92570816024	**DUP-2-20211104**	SM 6200B	657867		
92570816025	**EB-1-20211104**	SM 6200B	657867		
92570816026	**EB-2-20211104**	SM 6200B	657867		
92570816027	**FB-1-20211104**	SM 6200B	657867		
92570816028	**FB-2-20211104**	SM 6200B	657867		
92570816029	**TRIP BLANK**	SM 6200B	657867		

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: AECOM

Project # WO#: 92570816

92570816

Courier: ☐ Commercial ☐ Fed Ex ☐ Pace ☐ UPS ☐ USPS ☐ Other:____ ☒ Client

Custody Seal Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Date/Initials Person Examining Contents: 10-4-21 JKC

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer: ☒ IR Gun ID: [illegible] ☒ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 2.6, 3.6 ≥1.7

Correction Factor: Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 2.6, 3.6 ≥1.7

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☒ Yes	☐ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☒ No	☐ N/A	10.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project **WO#: 92570816**

PM: BV Due Date: 11/09/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastid Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project WO#: 92570816

PM: BV Due Date: 11/09/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

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CHAIN-OF-CUSTODY / Analytical Request Document

Pace Analytical® WWW.PACELABS.COM

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Section A – Required Client Information:		Section B – Required Project Information:		Section C – Invoice Information:	
Company:	AECOM	Report To:	Andrew Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
	Suite 200, Charlotte, NC 28226			Address:	
Email:	andrew.wreschnig@aecom.com	Purchase Order #:		Pace Quote:	
Phone:	(704)522-0330 Fax	Project Name:	CPC Huntersville 60639876	Pace Project Manager:	bonnie.vang@pacelabs.com,
Requested Due Date:	3-Day TAT	Project #:		Pace Profile #:	12518-3

Regulatory Agency	
State / Location	NC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analyses Test: 6200	VPH	Lead; Total	Trip BLANK	Residual Chlorine (Y/N)	92570816
1	MW-96	WT	G	11/4/21	1326				8			1	7						X	X	X				3-Day TAT OU1
2	MW-02				1400																				OU2
3	MW-09				1430																				OU3
4	MW-05				1435																				4
5	MW-56				1300																				5
6	MW-15				1500																				6
7	MW-36DR				1555																				7
8	MW-06				1520																				8
9	MW-95				1535																				9
10	MW-59				1610																				10
11	DUP-1-20211104				--																				11
12	DUP-2-20211104				--																				12

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3-Day TAT	Mike de Kozlowski / AECOM	11/4/21	1730	JD Pace HVL	11/04/21	1730	2.8	Y	N	Y

SAMPLER NAME AND SIGNATURE			TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Mike de Kozlowski					
SIGNATURE of SAMPLER:	Mike de Kozlowski	DATE Signed: 11/4/21				

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: AECOM	Report To: Andrew Wreschnig	Attention:
Address: 6000 Fairview Road	Copy To:	Company Name:
Suite 200, Charlotte, NC 28226		Address:
Email: andrew.wreschnig@aecom.com	Purchase Order #:	Pace Quote:
Phone: (704)522-0330 Fax	Project Name: CPC Huntersville 60639876	Pace Project Manager: bonnie.vang@pacelabs.com,
Requested Due Date: 3-Day TAT	Project #:	Pace Profile #: 12518-3

Regulatory Agency

State / Location: NC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	6200	VPH	Lead; Total	Trip BLANK	Residual Chlorine (Y/N)	9257O816
1	MW-12	WT	G	11/4/21	0955				8			1	7						X	X	X			3-Day TAT 13
2	MW-57D				1000																			14
3	MW-36				1020																			15
4	MW-01				1000																			16
5	MW-25D				1005																			17
6	MW-04				1115																			18
7	MW-90DD				1145																			19
8	MW-30				1210																			20
9	MW-03				1200																			21
10	MW-35				1210																			22
11	MW-57				1115																			23
12	MW-04D				1330																			24

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3-Day TAT	Mike de Kozlowski / AECOM	11/4/21	1730	JB PaCC MVL	11/04/21	1730	3.6	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mike de Kozlowski

SIGNATURE of SAMPLER: Mike de Kozlowski DATE Signed: 11/4/21

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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Company: AECOM		Report To: Andrew Wreschnig	Attention:	
Address: 6000 Fairview Road		Copy To:	Company Name:	Regulatory Agency
Suite 200, Charlotte, NC 28226			Address:	
Email: andrew.wreschnig@aecom.com		Purchase Order #:	Pace Quote:	
Phone: (704)522-0330	Fax:	Project Name: CPC Huntersville 60639876	Pace Project Manager: bonnie.vang@pacelabs.com,	State / Location
Requested Due Date: 3-Day TAT		Project #:	Pace Profile #: 12518-3	NC

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1	EB-1-20211104	WT	G	11/4/21	1630				8			1	7						X	X	X			25
2	EB-2-20211104	"	"	"	1605				8			1	7						X	X	X			26
3	FB-1-20211104	"	"	"	1650				7				7						X	X				27
4	FB-2-20211104	"	"	"	1600				7				7						X	X				28
5	Trip Blank	Lab Provided							6													X		29
6																								
7																								
8																								
9																								
10																								
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12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Mike deKozlowski / AECOM	11/4/21	1730	JJB Pace HVL	11/04/21	1730	1.7	Y	N	Y

SAMPLER NAME AND SIGNATURE			TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Mike deKozlowski					
SIGNATURE of SAMPLER:	Mike deKozlowski	DATE Signed: 11/4/21				

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 10, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on November 05, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92571040001	**MW-91DD**	Water	11/05/21 13:00	11/05/21 15:50
92571040002	**MW-58**	Water	11/05/21 09:40	11/05/21 15:50
92571040003	**MW-52**	Water	11/05/21 11:30	11/05/21 15:50
92571040004	**EB-1-20211105**	Water	11/05/21 11:00	11/05/21 15:50
92571040005	**DUP-1-20211105**	Water	11/05/21 00:00	11/05/21 15:50
92571040006	**TRIP BLANK**	Water	11/05/21 00:00	11/05/21 15:50

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92571040001	**MW-91DD**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92571040002	**MW-58**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92571040003	**MW-52**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92571040004	**EB-1-20211105**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92571040005	**DUP-1-20211105**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92571040006	**TRIP BLANK**	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: MW-91DD **Lab ID: 92571040001** Collected: 11/05/21 13:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 23:36		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 23:36		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 23:36		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 23:36		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/06/21 23:36	460-00-4	
4-Bromofluorobenzene (PID) (S)	93	%	70-130		1		11/06/21 23:36	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:08	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/09/21 01:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/09/21 01:17	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/09/21 01:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/09/21 01:17	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/09/21 01:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/09/21 01:17	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/09/21 01:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/09/21 01:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/09/21 01:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/09/21 01:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/09/21 01:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/09/21 01:17	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/09/21 01:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/09/21 01:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 01:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 01:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/09/21 01:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/09/21 01:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/09/21 01:17	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/09/21 01:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 01:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 01:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/09/21 01:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/09/21 01:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/09/21 01:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 01:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/09/21 01:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 01:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/09/21 01:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/09/21 01:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/09/21 01:17	142-28-9	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: MW-91DD **Lab ID: 92571040001** Collected: 11/05/21 13:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/09/21 01:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/09/21 01:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 01:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 01:17	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/09/21 01:17	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/09/21 01:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/09/21 01:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/09/21 01:17	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/09/21 01:17	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/09/21 01:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/09/21 01:17	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/09/21 01:17	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/09/21 01:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/09/21 01:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/09/21 01:17	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/09/21 01:17	127-18-4	
Toluene	**1.9**	ug/L	0.50	0.48	1		11/09/21 01:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/09/21 01:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/09/21 01:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/09/21 01:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 01:17	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 01:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/09/21 01:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/09/21 01:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/09/21 01:17	95-63-6	
1,3,5-Trimethylbenzene	**0.82**	ug/L	0.50	0.33	1		11/09/21 01:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/09/21 01:17	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/09/21 01:17	179601-23-1	
o-Xylene	**2.8**	ug/L	0.50	0.34	1		11/09/21 01:17	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/09/21 01:17	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/09/21 01:17	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/09/21 01:17	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: MW-58 **Lab ID: 92571040002** Collected: 11/05/21 09:40 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/07/21 00:04		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/07/21 00:04		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/07/21 00:04		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/07/21 00:04		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/07/21 00:04	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/07/21 00:04	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:11	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/09/21 01:35	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/09/21 01:35	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/09/21 01:35	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/09/21 01:35	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/09/21 01:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/09/21 01:35	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/09/21 01:35	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/09/21 01:35	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/09/21 01:35	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/09/21 01:35	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/09/21 01:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/09/21 01:35	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/09/21 01:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/09/21 01:35	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 01:35	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 01:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/09/21 01:35	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/09/21 01:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/09/21 01:35	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/09/21 01:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 01:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 01:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/09/21 01:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/09/21 01:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/09/21 01:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 01:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/09/21 01:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 01:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/09/21 01:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/09/21 01:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/09/21 01:35	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: MW-58 **Lab ID: 92571040002** Collected: 11/05/21 09:40 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/09/21 01:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/09/21 01:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 01:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 01:35	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/09/21 01:35	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/09/21 01:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/09/21 01:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/09/21 01:35	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/09/21 01:35	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/09/21 01:35	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/09/21 01:35	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/09/21 01:35	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/09/21 01:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/09/21 01:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/09/21 01:35	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/09/21 01:35	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/09/21 01:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/09/21 01:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/09/21 01:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/09/21 01:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 01:35	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 01:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/09/21 01:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/09/21 01:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/09/21 01:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/09/21 01:35	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/09/21 01:35	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/09/21 01:35	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/09/21 01:35	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/09/21 01:35	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/09/21 01:35	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		11/09/21 01:35	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: MW-52 **Lab ID: 92571040003** Collected: 11/05/21 11:30 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**7310**	ug/L	125	125	2.5		11/07/21 23:47		N2
Aliphatic (C05-C08)	**6630**	ug/L	125	125	2.5		11/07/21 23:47		N2
Aliphatic(C09-C12) Adjusted	**563**	ug/L	125	125	2.5		11/07/21 23:47		N2
Aromatic (C09-C10)	ND	ug/L	125	125	2.5		11/07/21 23:47		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		2.5		11/07/21 23:47	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		2.5		11/07/21 23:47	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:21	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**1050**	ug/L	5.0	3.4	10		11/09/21 16:59	71-43-2	
Bromobenzene	ND	ug/L	5.0	2.9	10		11/09/21 16:59	108-86-1	
Bromochloromethane	ND	ug/L	5.0	4.7	10		11/09/21 16:59	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	3.1	10		11/09/21 16:59	75-27-4	
Bromoform	ND	ug/L	5.0	3.4	10		11/09/21 16:59	75-25-2	
Bromomethane	ND	ug/L	50.0	16.6	10		11/09/21 16:59	74-83-9	
n-Butylbenzene	ND	ug/L	5.0	4.9	10		11/09/21 16:59	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	4.0	10		11/09/21 16:59	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	3.2	10		11/09/21 16:59	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	3.3	10		11/09/21 16:59	56-23-5	
Chlorobenzene	ND	ug/L	5.0	2.8	10		11/09/21 16:59	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		11/09/21 16:59	75-00-3	
Chloroform	ND	ug/L	5.0	3.5	10		11/09/21 16:59	67-66-3	
Chloromethane	ND	ug/L	10.0	5.4	10		11/09/21 16:59	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	3.2	10		11/09/21 16:59	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	3.2	10		11/09/21 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	3.4	10		11/09/21 16:59	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	3.6	10		11/09/21 16:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	2.7	10		11/09/21 16:59	106-93-4	
Dibromomethane	ND	ug/L	5.0	3.9	10		11/09/21 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	3.4	10		11/09/21 16:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	3.4	10		11/09/21 16:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	3.3	10		11/09/21 16:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	3.5	10		11/09/21 16:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	3.7	10		11/09/21 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	3.2	10		11/09/21 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	3.5	10		11/09/21 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	3.8	10		11/09/21 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	4.0	10		11/09/21 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	3.6	10		11/09/21 16:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	2.8	10		11/09/21 16:59	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: MW-52 **Lab ID: 92571040003** Collected: 11/05/21 11:30 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	5.0	3.9	10		11/09/21 16:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	4.3	10		11/09/21 16:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		11/09/21 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		11/09/21 16:59	10061-02-6	
Diisopropyl ether	**125**	ug/L	5.0	3.1	10		11/09/21 16:59	108-20-3	
Ethylbenzene	ND	ug/L	5.0	3.0	10		11/09/21 16:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		11/09/21 16:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	3.3	10		11/09/21 16:59	98-82-8	
Methylene Chloride	ND	ug/L	20.0	19.5	10		11/09/21 16:59	75-09-2	
Methyl-tert-butyl ether	**25.1**	ug/L	5.0	4.2	10		11/09/21 16:59	1634-04-4	
Naphthalene	**25.5**	ug/L	20.0	6.4	10		11/09/21 16:59	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	3.4	10		11/09/21 16:59	103-65-1	
Styrene	ND	ug/L	5.0	2.9	10		11/09/21 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	3.1	10		11/09/21 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.2	10		11/09/21 16:59	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.9	10		11/09/21 16:59	127-18-4	
Toluene	**68.3**	ug/L	5.0	4.8	10		11/09/21 16:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	20.0	8.1	10		11/09/21 16:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	20.0	6.4	10		11/09/21 16:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	3.3	10		11/09/21 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	3.2	10		11/09/21 16:59	79-00-5	
Trichloroethene	ND	ug/L	5.0	3.8	10		11/09/21 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		11/09/21 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.6	10		11/09/21 16:59	96-18-4	
1,2,4-Trimethylbenzene	**23.1**	ug/L	5.0	5.0	10		11/09/21 16:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	3.3	10		11/09/21 16:59	108-67-8	
Vinyl chloride	ND	ug/L	10.0	3.9	10		11/09/21 16:59	75-01-4	
m&p-Xylene	**68.2**	ug/L	10.0	7.1	10		11/09/21 16:59	179601-23-1	
o-Xylene	**201**	ug/L	5.0	3.4	10		11/09/21 16:59	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	86	%	70-130		10		11/09/21 16:59	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		10		11/09/21 16:59	460-00-4	
Toluene-d8 (S)	94	%	70-130		10		11/09/21 16:59	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: EB-1-20211105 **Lab ID: 92571040004** Collected: 11/05/21 11:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/07/21 01:00		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/07/21 01:00		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/07/21 01:00		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/07/21 01:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/07/21 01:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		11/07/21 01:00	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:25	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/08/21 23:47	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/08/21 23:47	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/08/21 23:47	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/08/21 23:47	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/08/21 23:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/08/21 23:47	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/08/21 23:47	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/08/21 23:47	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/08/21 23:47	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/08/21 23:47	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/08/21 23:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/08/21 23:47	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/08/21 23:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/08/21 23:47	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/08/21 23:47	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/08/21 23:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/08/21 23:47	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/08/21 23:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/08/21 23:47	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/08/21 23:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/08/21 23:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/08/21 23:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/08/21 23:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/08/21 23:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/08/21 23:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/08/21 23:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/08/21 23:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/08/21 23:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/08/21 23:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/08/21 23:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/08/21 23:47	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: EB-1-20211105 **Lab ID: 92571040004** Collected: 11/05/21 11:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/08/21 23:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/08/21 23:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/08/21 23:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/08/21 23:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/08/21 23:47	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/08/21 23:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/08/21 23:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/08/21 23:47	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/08/21 23:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/08/21 23:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/08/21 23:47	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/08/21 23:47	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/08/21 23:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/08/21 23:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/08/21 23:47	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/08/21 23:47	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/08/21 23:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/08/21 23:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/08/21 23:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/08/21 23:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/08/21 23:47	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/08/21 23:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/08/21 23:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/08/21 23:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/08/21 23:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/08/21 23:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/08/21 23:47	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/08/21 23:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/08/21 23:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		11/08/21 23:47	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/08/21 23:47	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		11/08/21 23:47	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: DUP-1-20211105 **Lab ID: 92571040005** Collected: 11/05/21 00:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/07/21 01:28		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/07/21 01:28		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/07/21 01:28		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/07/21 01:28		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		11/07/21 01:28	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		11/07/21 01:28	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:28	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**0.47J**	ug/L	0.50	0.34	1		11/09/21 02:11	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/09/21 02:11	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/09/21 02:11	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/09/21 02:11	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/09/21 02:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/09/21 02:11	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/09/21 02:11	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/09/21 02:11	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/09/21 02:11	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/09/21 02:11	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/09/21 02:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/09/21 02:11	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/09/21 02:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/09/21 02:11	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 02:11	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 02:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/09/21 02:11	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/09/21 02:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/09/21 02:11	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/09/21 02:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 02:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 02:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/09/21 02:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/09/21 02:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/09/21 02:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 02:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/09/21 02:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 02:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/09/21 02:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/09/21 02:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/09/21 02:11	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: DUP-1-20211105 **Lab ID: 92571040005** Collected: 11/05/21 00:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/09/21 02:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/09/21 02:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 02:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 02:11	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/09/21 02:11	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/09/21 02:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/09/21 02:11	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/09/21 02:11	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/09/21 02:11	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/09/21 02:11	1634-04-4	
Naphthalene	**0.82J**	ug/L	2.0	0.64	1		11/09/21 02:11	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/09/21 02:11	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/09/21 02:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/09/21 02:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/09/21 02:11	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/09/21 02:11	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/09/21 02:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/09/21 02:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/09/21 02:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/09/21 02:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 02:11	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 02:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/09/21 02:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/09/21 02:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/09/21 02:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/09/21 02:11	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/09/21 02:11	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/09/21 02:11	179601-23-1	
o-Xylene	**0.36J**	ug/L	0.50	0.34	1		11/09/21 02:11	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		11/09/21 02:11	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/09/21 02:11	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		11/09/21 02:11	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: TRIP BLANK **Lab ID: 92571040006** Collected: 11/05/21 00:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/09/21 00:05	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/09/21 00:05	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/09/21 00:05	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/09/21 00:05	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/09/21 00:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/09/21 00:05	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/09/21 00:05	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/09/21 00:05	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/09/21 00:05	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/09/21 00:05	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/09/21 00:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/09/21 00:05	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/09/21 00:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/09/21 00:05	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 00:05	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 00:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/09/21 00:05	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/09/21 00:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/09/21 00:05	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/09/21 00:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 00:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 00:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/09/21 00:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/09/21 00:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/09/21 00:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 00:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/09/21 00:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 00:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/09/21 00:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/09/21 00:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/09/21 00:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/09/21 00:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/09/21 00:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 00:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 00:05	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/09/21 00:05	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/09/21 00:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/09/21 00:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/09/21 00:05	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/09/21 00:05	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/09/21 00:05	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/09/21 00:05	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/09/21 00:05	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/09/21 00:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/09/21 00:05	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Sample: TRIP BLANK **Lab ID: 92571040006** Collected: 11/05/21 00:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/09/21 00:05	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/09/21 00:05	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/09/21 00:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/09/21 00:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/09/21 00:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/09/21 00:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 00:05	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 00:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/09/21 00:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/09/21 00:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/09/21 00:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/09/21 00:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/09/21 00:05	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/09/21 00:05	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/09/21 00:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		11/09/21 00:05	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/09/21 00:05	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/09/21 00:05	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

QC Batch: 658061
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571040001, 92571040002, 92571040004, 92571040005

METHOD BLANK: 3449433 Matrix: Water
Associated Lab Samples: 92571040001, 92571040002, 92571040004, 92571040005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/06/21 16:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/06/21 16:32	N2
4-Bromofluorobenzene (FID) (S)	%	104	70-130		11/06/21 16:32	
4-Bromofluorobenzene (PID) (S)	%	98	70-130		11/06/21 16:32	

LABORATORY CONTROL SAMPLE & LCSD: 3449434 3449435

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	300	273	100	91	70-130	10	25	N2
Aromatic (C09-C10)	ug/L	100	108	102	108	102	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	100	70-130			
4-Bromofluorobenzene (PID) (S)	%				93	93	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

QC Batch: 658109
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571040003

METHOD BLANK: 3449553 Matrix: Water
Associated Lab Samples: 92571040003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/07/21 17:38	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/07/21 17:38	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		11/07/21 17:38	
4-Bromofluorobenzene (PID) (S)	%	97	70-130		11/07/21 17:38	

LABORATORY CONTROL SAMPLE & LCSD: 3449554 3449555

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	296	303	99	101	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	113	111	113	111	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	105	70-130			
4-Bromofluorobenzene (PID) (S)	%				95	97	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

QC Batch: 658028 | Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A | Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92571040001, 92571040002, 92571040003, 92571040004, 92571040005

METHOD BLANK: 3449364 Matrix: Water
Associated Lab Samples: 92571040001, 92571040002, 92571040003, 92571040004, 92571040005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/08/21 21:25	

LABORATORY CONTROL SAMPLE: 3449365

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	514	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3449366 3449367

Parameter	Units	92570816001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	492	467	98	93	75-125	5	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

QC Batch: 658257
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571040001, 92571040002, 92571040004, 92571040005, 92571040006

METHOD BLANK: 3450153 Matrix: Water
Associated Lab Samples: 92571040001, 92571040002, 92571040004, 92571040005, 92571040006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/08/21 23:29	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/08/21 23:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/08/21 23:29	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/08/21 23:29	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/08/21 23:29	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/08/21 23:29	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/08/21 23:29	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/08/21 23:29	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/08/21 23:29	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/08/21 23:29	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/08/21 23:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/08/21 23:29	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/08/21 23:29	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/08/21 23:29	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/08/21 23:29	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/08/21 23:29	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/08/21 23:29	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/08/21 23:29	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/08/21 23:29	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/08/21 23:29	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/08/21 23:29	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/08/21 23:29	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/08/21 23:29	
Benzene	ug/L	ND	0.50	0.34	11/08/21 23:29	
Bromobenzene	ug/L	ND	0.50	0.29	11/08/21 23:29	
Bromochloromethane	ug/L	ND	0.50	0.47	11/08/21 23:29	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/08/21 23:29	
Bromoform	ug/L	ND	0.50	0.34	11/08/21 23:29	
Bromomethane	ug/L	ND	5.0	1.7	11/08/21 23:29	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/08/21 23:29	
Chlorobenzene	ug/L	ND	0.50	0.28	11/08/21 23:29	
Chloroethane	ug/L	ND	1.0	0.65	11/08/21 23:29	
Chloroform	ug/L	ND	0.50	0.35	11/08/21 23:29	
Chloromethane	ug/L	ND	1.0	0.54	11/08/21 23:29	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/08/21 23:29	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/08/21 23:29	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/08/21 23:29	
Dibromomethane	ug/L	ND	0.50	0.39	11/08/21 23:29	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/08/21 23:29	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/08/21 23:29	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

METHOD BLANK: 3450153 Matrix: Water
Associated Lab Samples: 92571040001, 92571040002, 92571040004, 92571040005, 92571040006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/08/21 23:29	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/08/21 23:29	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/08/21 23:29	
m&p-Xylene	ug/L	ND	1.0	0.71	11/08/21 23:29	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/08/21 23:29	
Methylene Chloride	ug/L	ND	2.0	2.0	11/08/21 23:29	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/08/21 23:29	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/08/21 23:29	
Naphthalene	ug/L	ND	2.0	0.64	11/08/21 23:29	
o-Xylene	ug/L	ND	0.50	0.34	11/08/21 23:29	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/08/21 23:29	
Styrene	ug/L	ND	0.50	0.29	11/08/21 23:29	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/08/21 23:29	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/08/21 23:29	
Toluene	ug/L	ND	0.50	0.48	11/08/21 23:29	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/08/21 23:29	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/08/21 23:29	
Trichloroethene	ug/L	ND	0.50	0.38	11/08/21 23:29	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/08/21 23:29	
Vinyl chloride	ug/L	ND	1.0	0.39	11/08/21 23:29	
1,2-Dichloroethane-d4 (S)	%	94	70-130		11/08/21 23:29	
4-Bromofluorobenzene (S)	%	96	70-130		11/08/21 23:29	
Toluene-d8 (S)	%	101	70-130		11/08/21 23:29	

LABORATORY CONTROL SAMPLE: 3450154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.4	101	60-140	
1,1,1-Trichloroethane	ug/L	50	48.5	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	45.8	92	60-140	
1,1-Dichloroethene	ug/L	50	45.5	91	60-140	
1,1-Dichloropropene	ug/L	50	48.1	96	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.2	100	60-140	
1,2,3-Trichloropropane	ug/L	50	44.9	90	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.6	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.2	104	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.7	97	60-140	
1,2-Dichlorobenzene	ug/L	50	47.6	95	60-140	
1,2-Dichloroethane	ug/L	50	42.9	86	60-140	
1,2-Dichloropropane	ug/L	50	46.7	93	60-140	
1,3,5-Trimethylbenzene	ug/L	50	46.8	94	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

LABORATORY CONTROL SAMPLE: 3450154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.2	94	60-140	
1,3-Dichloropropane	ug/L	50	46.1	92	60-140	
1,4-Dichlorobenzene	ug/L	50	47.9	96	60-140	
2,2-Dichloropropane	ug/L	50	46.8	94	60-140	
2-Chlorotoluene	ug/L	50	45.9	92	60-140	
4-Chlorotoluene	ug/L	50	44.2	88	60-140	
Benzene	ug/L	50	47.3	95	60-140	
Bromobenzene	ug/L	50	48.3	97	60-140	
Bromochloromethane	ug/L	50	47.6	95	60-140	
Bromodichloromethane	ug/L	50	48.9	98	60-140	
Bromoform	ug/L	50	53.8	108	60-140	
Bromomethane	ug/L	50	46.4	93	60-140	
Carbon tetrachloride	ug/L	50	51.4	103	60-140	
Chlorobenzene	ug/L	50	49.8	100	60-140	
Chloroethane	ug/L	50	57.8	116	60-140	
Chloroform	ug/L	50	45.5	91	60-140	
Chloromethane	ug/L	50	47.1	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.7	95	60-140	
Dibromochloromethane	ug/L	50	52.9	106	60-140	
Dibromomethane	ug/L	50	50.2	100	60-140	
Dichlorodifluoromethane	ug/L	50	63.5	127	60-140	
Diisopropyl ether	ug/L	50	42.3	85	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	53.3	107	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.7	103	60-140	
m&p-Xylene	ug/L	100	98.7	99	60-140	
Methyl-tert-butyl ether	ug/L	50	43.0	86	60-140	
Methylene Chloride	ug/L	50	49.1	98	60-140	
n-Butylbenzene	ug/L	50	46.6	93	60-140	
n-Propylbenzene	ug/L	50	45.9	92	60-140	
Naphthalene	ug/L	50	48.7	97	60-140	
o-Xylene	ug/L	50	48.8	98	60-140	
sec-Butylbenzene	ug/L	50	47.7	95	60-140	
Styrene	ug/L	50	51.2	102	60-140	
tert-Butylbenzene	ug/L	50	39.9	80	60-140	
Tetrachloroethene	ug/L	50	52.4	105	60-140	
Toluene	ug/L	50	48.1	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.8	92	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.2	94	60-140	
Trichloroethene	ug/L	50	51.7	103	60-140	
Trichlorofluoromethane	ug/L	50	52.7	105	60-140	
Vinyl chloride	ug/L	50	50.6	101	60-140	
1,2-Dichloroethane-d4 (S)	%			86	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			97	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3450155 3450156

Parameter	Units	92570378004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	19.8	96	99	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.2	20.3	96	101	60-140	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.7	19.1	88	96	60-140	8	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	17.6	18.3	88	92	60-140	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.0	20.2	95	101	60-140	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.2	20.7	101	103	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.0	20.6	100	103	60-140	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.0	20.4	105	102	60-140	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	16.5	19.1	83	95	60-140	14	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.3	20.9	106	104	60-140	2	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.6	19.4	91	95	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.7	20.9	103	104	60-140	1	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	17.9	19.2	89	96	60-140	7	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.6	19.5	93	98	60-140	5	30	
1,2-Dichloroethane	ug/L	ND	20	20	16.3	16.6	82	83	60-140	2	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.2	18.3	91	92	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.5	20.0	97	100	60-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.6	19.2	93	96	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.8	18.5	89	93	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.8	19.9	94	100	60-140	6	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.4	21.6	102	108	60-140	6	30	
2-Chlorotoluene	ug/L	ND	20	20	19.3	20.2	96	101	60-140	5	30	
4-Chlorotoluene	ug/L	ND	20	20	18.1	19.0	91	95	60-140	5	30	
Benzene	ug/L	ND	20	20	19.0	20.5	95	103	60-140	8	30	
Bromobenzene	ug/L	ND	20	20	19.1	19.7	95	98	60-140	3	30	
Bromochloromethane	ug/L	ND	20	20	18.0	18.8	90	94	60-140	4	30	
Bromodichloromethane	ug/L	ND	20	20	18.2	19.0	91	95	60-140	4	30	
Bromoform	ug/L	ND	20	20	17.4	19.0	87	95	60-140	9	30	
Bromomethane	ug/L	ND	20	20	20.9	21.9	104	110	60-140	5	30	
Carbon tetrachloride	ug/L	ND	20	20	20.4	21.4	102	107	60-140	5	30	
Chlorobenzene	ug/L	ND	20	20	20.0	20.5	100	103	60-140	2	30	
Chloroethane	ug/L	ND	20	20	26.9	27.6	135	138	60-140	3	30	
Chloroform	ug/L	2.1	20	20	20.2	21.1	90	95	60-140	5	30	
Chloromethane	ug/L	ND	20	20	22.4	22.8	112	114	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.5	19.6	92	98	60-140	6	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.7	18.8	88	94	60-140	6	30	
Dibromochloromethane	ug/L	ND	20	20	19.0	19.6	95	98	60-140	3	30	
Dibromomethane	ug/L	ND	20	20	18.2	19.9	91	100	60-140	9	30	
Dichlorodifluoromethane	ug/L	ND	20	20	30.2	32.3	151	162	60-140	7	30	M1
Diisopropyl ether	ug/L	ND	20	20	16.3	17.0	82	85	60-140	4	30	
Ethylbenzene	ug/L	ND	20	20	19.3	20.4	96	102	60-140	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	28.3	27.4	141	137	60-140	3	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.9	21.4	100	107	60-140	7	30	
m&p-Xylene	ug/L	ND	40	40	38.8	41.2	97	103	60-140	6	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3450155 3450156

Parameter	Units	92570378004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	16.5	17.3	83	87	60-140	5	30	
Methylene Chloride	ug/L	ND	20	20	19.9	20.3	99	101	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	21.6	21.7	108	109	60-140	1	30	
n-Propylbenzene	ug/L	ND	20	20	19.4	19.8	97	99	60-140	2	30	
Naphthalene	ug/L	ND	20	20	19.2	19.1	96	95	60-140	1	30	
o-Xylene	ug/L	ND	20	20	19.2	19.8	96	99	60-140	3	30	
sec-Butylbenzene	ug/L	ND	20	20	21.0	21.7	105	108	60-140	3	30	
Styrene	ug/L	ND	20	20	18.8	19.8	94	99	60-140	6	30	
tert-Butylbenzene	ug/L	ND	20	20	17.0	17.5	85	88	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	20.9	22.2	104	111	60-140	6	30	
Toluene	ug/L	5.2	20	20	23.8	24.0	93	94	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.4	20.6	97	103	60-140	6	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.1	18.0	85	90	60-140	5	30	
Trichloroethene	ug/L	ND	20	20	20.3	21.4	101	107	60-140	6	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.3	21.5	101	107	60-140	6	30	
Vinyl chloride	ug/L	ND	20	20	22.5	24.4	112	122	60-140	8	30	
1,2-Dichloroethane-d4 (S)	%						88	86	70-130			
4-Bromofluorobenzene (S)	%						95	97	70-130			
Toluene-d8 (S)	%						98	97	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

QC Batch: 658480
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92571040003

METHOD BLANK: 3451181 Matrix: Water
Associated Lab Samples: 92571040003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/09/21 14:35	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/09/21 14:35	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/09/21 14:35	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/09/21 14:35	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/09/21 14:35	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/09/21 14:35	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/09/21 14:35	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/09/21 14:35	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/09/21 14:35	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/09/21 14:35	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/09/21 14:35	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/09/21 14:35	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/09/21 14:35	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/09/21 14:35	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/09/21 14:35	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/09/21 14:35	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/09/21 14:35	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/09/21 14:35	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/09/21 14:35	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/09/21 14:35	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/09/21 14:35	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/09/21 14:35	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/09/21 14:35	
Benzene	ug/L	ND	0.50	0.34	11/09/21 14:35	
Bromobenzene	ug/L	ND	0.50	0.29	11/09/21 14:35	
Bromochloromethane	ug/L	ND	0.50	0.47	11/09/21 14:35	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/09/21 14:35	
Bromoform	ug/L	ND	0.50	0.34	11/09/21 14:35	
Bromomethane	ug/L	ND	5.0	1.7	11/09/21 14:35	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/09/21 14:35	
Chlorobenzene	ug/L	ND	0.50	0.28	11/09/21 14:35	
Chloroethane	ug/L	ND	1.0	0.65	11/09/21 14:35	
Chloroform	ug/L	ND	0.50	0.35	11/09/21 14:35	
Chloromethane	ug/L	ND	1.0	0.54	11/09/21 14:35	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/09/21 14:35	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/09/21 14:35	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/09/21 14:35	
Dibromomethane	ug/L	ND	0.50	0.39	11/09/21 14:35	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/09/21 14:35	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/09/21 14:35	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

METHOD BLANK: 3451181 Matrix: Water
Associated Lab Samples: 92571040003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/09/21 14:35	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/09/21 14:35	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/09/21 14:35	
m&p-Xylene	ug/L	ND	1.0	0.71	11/09/21 14:35	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/09/21 14:35	
Methylene Chloride	ug/L	ND	2.0	2.0	11/09/21 14:35	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/09/21 14:35	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/09/21 14:35	
Naphthalene	ug/L	ND	2.0	0.64	11/09/21 14:35	
o-Xylene	ug/L	ND	0.50	0.34	11/09/21 14:35	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/09/21 14:35	
Styrene	ug/L	ND	0.50	0.29	11/09/21 14:35	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/09/21 14:35	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/09/21 14:35	
Toluene	ug/L	ND	0.50	0.48	11/09/21 14:35	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/09/21 14:35	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/09/21 14:35	
Trichloroethene	ug/L	ND	0.50	0.38	11/09/21 14:35	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/09/21 14:35	
Vinyl chloride	ug/L	ND	1.0	0.39	11/09/21 14:35	
1,2-Dichloroethane-d4 (S)	%	97	70-130		11/09/21 14:35	
4-Bromofluorobenzene (S)	%	93	70-130		11/09/21 14:35	
Toluene-d8 (S)	%	99	70-130		11/09/21 14:35	

LABORATORY CONTROL SAMPLE: 3451182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.5	95	60-140	
1,1,1-Trichloroethane	ug/L	50	43.2	86	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.8	90	60-140	
1,1,2-Trichloroethane	ug/L	50	44.7	89	60-140	
1,1-Dichloroethane	ug/L	50	41.1	82	60-140	
1,1-Dichloroethene	ug/L	50	41.7	83	60-140	
1,1-Dichloropropene	ug/L	50	42.1	84	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.7	101	60-140	
1,2,3-Trichloropropane	ug/L	50	41.7	83	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.9	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.5	89	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.6	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.0	92	60-140	
1,2-Dichlorobenzene	ug/L	50	47.3	95	60-140	
1,2-Dichloroethane	ug/L	50	38.0	76	60-140	
1,2-Dichloropropane	ug/L	50	43.8	88	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.9	92	60-140	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

LABORATORY CONTROL SAMPLE: 3451182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.1	92	60-140	
1,3-Dichloropropane	ug/L	50	43.2	86	60-140	
1,4-Dichlorobenzene	ug/L	50	46.9	94	60-140	
2,2-Dichloropropane	ug/L	50	44.3	89	60-140	
2-Chlorotoluene	ug/L	50	45.7	91	60-140	
4-Chlorotoluene	ug/L	50	44.1	88	60-140	
Benzene	ug/L	50	44.0	88	60-140	
Bromobenzene	ug/L	50	47.0	94	60-140	
Bromochloromethane	ug/L	50	42.2	84	60-140	
Bromodichloromethane	ug/L	50	43.4	87	60-140	
Bromoform	ug/L	50	50.2	100	60-140	
Bromomethane	ug/L	50	45.0	90	60-140	
Carbon tetrachloride	ug/L	50	46.6	93	60-140	
Chlorobenzene	ug/L	50	46.6	93	60-140	
Chloroethane	ug/L	50	53.3	107	60-140	
Chloroform	ug/L	50	41.2	82	60-140	
Chloromethane	ug/L	50	43.1	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	41.1	82	60-140	
cis-1,3-Dichloropropene	ug/L	50	43.6	87	60-140	
Dibromochloromethane	ug/L	50	50.3	101	60-140	
Dibromomethane	ug/L	50	46.1	92	60-140	
Dichlorodifluoromethane	ug/L	50	55.6	111	60-140	
Diisopropyl ether	ug/L	50	38.3	77	60-140	
Ethylbenzene	ug/L	50	45.6	91	60-140	
Hexachloro-1,3-butadiene	ug/L	50	52.8	106	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.9	98	60-140	
m&p-Xylene	ug/L	100	92.8	93	60-140	
Methyl-tert-butyl ether	ug/L	50	39.0	78	60-140	
Methylene Chloride	ug/L	50	45.1	90	60-140	
n-Butylbenzene	ug/L	50	45.7	91	60-140	
n-Propylbenzene	ug/L	50	44.7	89	60-140	
Naphthalene	ug/L	50	48.6	97	60-140	
o-Xylene	ug/L	50	46.1	92	60-140	
sec-Butylbenzene	ug/L	50	46.6	93	60-140	
Styrene	ug/L	50	47.6	95	60-140	
tert-Butylbenzene	ug/L	50	39.5	79	60-140	
Tetrachloroethene	ug/L	50	49.2	98	60-140	
Toluene	ug/L	50	44.5	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	41.4	83	60-140	
trans-1,3-Dichloropropene	ug/L	50	43.0	86	60-140	
Trichloroethene	ug/L	50	47.3	95	60-140	
Trichlorofluoromethane	ug/L	50	46.9	94	60-140	
Vinyl chloride	ug/L	50	45.6	91	60-140	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			94	70-130	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3451183 3451184

Parameter	Units	92571040003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	205	206	102	103	60-140	1	30	
1,1,1-Trichloroethane	ug/L	ND	200	200	186	188	93	94	60-140	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	184	187	92	94	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	200	200	183	183	92	92	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	200	200	177	174	89	87	60-140	2	30	
1,1-Dichloroethene	ug/L	ND	200	200	191	180	96	90	60-140	6	30	
1,1-Dichloropropene	ug/L	ND	200	200	182	186	91	93	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	200	200	223	213	111	106	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	200	200	167	173	83	86	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	200	200	214	217	107	108	60-140	1	30	
1,2,4-Trimethylbenzene	ug/L	23.1	200	200	206	208	91	93	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	216	217	108	109	60-140	1	30	
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	202	194	101	97	60-140	4	30	
1,2-Dichlorobenzene	ug/L	ND	200	200	191	196	95	98	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	200	200	158	153	79	76	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	200	200	189	176	94	88	60-140	7	30	
1,3,5-Trimethylbenzene	ug/L	ND	200	200	199	206	100	103	60-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	200	200	187	192	94	96	60-140	3	30	
1,3-Dichloropropane	ug/L	ND	200	200	178	185	89	93	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	200	200	193	194	97	97	60-140	0	30	
2,2-Dichloropropane	ug/L	ND	200	200	194	188	97	94	60-140	3	30	
2-Chlorotoluene	ug/L	ND	200	200	187	189	93	94	60-140	1	30	
4-Chlorotoluene	ug/L	ND	200	200	177	177	88	89	60-140	0	30	
Benzene	ug/L	1050	200	200	1230	1230	91	90	60-140	0	30	
Bromobenzene	ug/L	ND	200	200	198	203	99	102	60-140	3	30	
Bromochloromethane	ug/L	ND	200	200	186	179	93	89	60-140	4	30	
Bromodichloromethane	ug/L	ND	200	200	181	172	90	86	60-140	5	30	
Bromoform	ug/L	ND	200	200	208	207	104	104	60-140	1	30	
Bromomethane	ug/L	ND	200	200	188	176	94	88	60-140	6	30	
Carbon tetrachloride	ug/L	ND	200	200	211	207	106	104	60-140	2	30	
Chlorobenzene	ug/L	ND	200	200	198	205	99	103	60-140	3	30	
Chloroethane	ug/L	ND	200	200	229	239	115	119	60-140	4	30	
Chloroform	ug/L	ND	200	200	177	172	89	86	60-140	3	30	
Chloromethane	ug/L	ND	200	200	190	189	95	95	60-140	0	30	
cis-1,2-Dichloroethene	ug/L	ND	200	200	178	172	89	86	60-140	4	30	
cis-1,3-Dichloropropene	ug/L	ND	200	200	181	179	90	90	60-140	1	30	
Dibromochloromethane	ug/L	ND	200	200	204	214	102	107	60-140	5	30	
Dibromomethane	ug/L	ND	200	200	213	204	107	102	60-140	5	30	
Dichlorodifluoromethane	ug/L	ND	200	200	230	223	115	112	60-140	3	30	
Diisopropyl ether	ug/L	125	200	200	288	280	82	77	60-140	3	30	
Ethylbenzene	ug/L	ND	200	200	195	201	98	100	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	200	200	249	253	124	126	60-140	2	30	
Isopropylbenzene (Cumene)	ug/L	ND	200	200	215	214	107	107	60-140	0	30	
m&p-Xylene	ug/L	68.2	400	400	459	469	98	100	60-140	2	30	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3451183 3451184

Parameter	Units	92571040003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	25.1	200	200	187	184	81	80	60-140	2	30	
Methylene Chloride	ug/L	ND	200	200	198	189	99	94	60-140	5	30	
n-Butylbenzene	ug/L	ND	200	200	193	197	96	99	60-140	2	30	
n-Propylbenzene	ug/L	ND	200	200	189	192	94	96	60-140	1	30	
Naphthalene	ug/L	25.5	200	200	220	218	97	96	60-140	1	30	
o-Xylene	ug/L	201	200	200	404	416	101	107	60-140	3	30	
sec-Butylbenzene	ug/L	ND	200	200	199	203	99	102	60-140	2	30	
Styrene	ug/L	ND	200	200	191	195	95	97	60-140	2	30	
tert-Butylbenzene	ug/L	ND	200	200	170	170	85	85	60-140	0	30	
Tetrachloroethene	ug/L	ND	200	200	225	235	112	117	60-140	4	30	
Toluene	ug/L	68.3	200	200	258	252	95	92	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	200	200	179	177	90	88	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	200	200	171	178	85	89	60-140	4	30	
Trichloroethene	ug/L	ND	200	200	213	207	106	104	60-140	3	30	
Trichlorofluoromethane	ug/L	ND	200	200	197	195	98	97	60-140	1	30	
Vinyl chloride	ug/L	ND	200	200	201	196	101	98	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						86	82	70-130			
4-Bromofluorobenzene (S)	%						95	96	70-130			
Toluene-d8 (S)	%						96	93	70-130			

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(704)875-9092

QUALIFIERS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571040

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92571040001	**MW-91DD**	MADEP VPH	658061		
92571040002	**MW-58**	MADEP VPH	658061		
92571040003	**MW-52**	MADEP VPH	658109		
92571040004	**EB-1-20211105**	MADEP VPH	658061		
92571040005	**DUP-1-20211105**	MADEP VPH	658061		
92571040001	**MW-91DD**	EPA 3010A	658028	EPA 6010D	658040
92571040002	**MW-58**	EPA 3010A	658028	EPA 6010D	658040
92571040003	**MW-52**	EPA 3010A	658028	EPA 6010D	658040
92571040004	**EB-1-20211105**	EPA 3010A	658028	EPA 6010D	658040
92571040005	**DUP-1-20211105**	EPA 3010A	658028	EPA 6010D	658040
92571040001	**MW-91DD**	SM 6200B	658257		
92571040002	**MW-58**	SM 6200B	658257		
92571040003	**MW-52**	SM 6200B	658480		
92571040004	**EB-1-20211105**	SM 6200B	658257		
92571040005	**DUP-1-20211105**	SM 6200B	658257		
92571040006	**TRIP BLANK**	SM 6200B	658257		

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Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☑ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: AECOM

Project #: WO# : 92571040

92571040

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☑ No Seals Intact? ☐ Yes ☑ No

Date/Initials Person Examining Contents: JB 11/05/21

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☐ IR Gun ID: 92764 ☑ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 1.6,2.0 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 1.6,2.0

USDA Regulated Soil (☑ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☑ Yes	☐ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☑ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: W T				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☑ No	☐ N/A	10.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92571040**

PM: BV Due Date: 11/10/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastid Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9F-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1				~		1										7													
2						1										7													
3						1										7													
4						1										7													
5						1										7													
6																2													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	
Company: AECOM	Report To: Andrew Wreschnig	Attention:	
Address: 6000 Fairview Road	Copy To:	Company Name:	
Suite 200, Charlotte, NC 28226		Address:	Regulatory Agency
Email: andrew.wreschnig@aecom.com	Purchase Order #	Pace Quote:	
Phone: (704)522-0330 Fax	Project Name: CPC Huntersville 60639876	Pace Project Manager: bonnie.vang@pacelabs.com	State / Location
Requested Due Date: 3-Day TAT	Project #:	Pace Profile #: 12518-3	NC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analyses Test: 6200	VPH	Lead; Total	Trip BLANK	Residual Chlorine (Y/N)	92571040
1	MW-91DD	WT	G			11/5/21	1300		8			X	X						X	X	X			001
2	MW-58						0940					X	X						X	X	X			002
3	MW-52						1130					X	X						X	X	X			003
4	EB-1-20211105						1100					X	X						X	X	X			004
5	Dup-1-20211105						—					X	X						X	X	X			005
6	Trip Blank						—		2													X		006
7																								
8																								
9																								
10																								
11																								
12																								

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3-Day TAT	Mike deKozlowski / AECOM	11/5/21	1550	BT PACE HLC	11/5/21	1550	2.0	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mike deKozlowski

SIGNATURE of SAMPLER: Mike deKozlowski DATE Signed: 11/5/21

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 09, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on November 05, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92571046001	**MW-28**	Water	11/05/21 10:05	11/05/21 15:50
92571046002	**MW-17**	Water	11/05/21 11:40	11/05/21 15:50
92571046003	**MW-83**	Water	11/05/21 13:50	11/05/21 15:50
92571046004	**MW-16D**	Water	11/05/21 13:50	11/05/21 15:50
92571046005	**MW-16**	Water	11/05/21 14:30	11/05/21 15:50
92571046006	**FB-1-20211105**	Water	11/05/21 09:00	11/05/21 15:50
92571046007	**TRIP BLANK**	Water	11/05/21 00:00	11/05/21 15:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92571046001	**MW-28**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92571046002	**MW-17**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92571046003	**MW-83**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92571046004	**MW-16D**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92571046005	**MW-16**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92571046006	**FB-1-20211105**	MADEP VPH	MAD	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92571046007	**TRIP BLANK**	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: MW-28 **Lab ID: 92571046001** Collected: 11/05/21 10:05 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/07/21 01:57		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/07/21 01:57		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/07/21 01:57		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/07/21 01:57		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/07/21 01:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/07/21 01:57	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:31	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/09/21 02:29	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/09/21 02:29	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/09/21 02:29	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/09/21 02:29	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/09/21 02:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/09/21 02:29	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/09/21 02:29	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/09/21 02:29	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/09/21 02:29	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/09/21 02:29	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/09/21 02:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/09/21 02:29	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/09/21 02:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/09/21 02:29	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 02:29	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 02:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/09/21 02:29	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/09/21 02:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/09/21 02:29	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/09/21 02:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 02:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 02:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/09/21 02:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/09/21 02:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/09/21 02:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 02:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/09/21 02:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 02:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/09/21 02:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/09/21 02:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/09/21 02:29	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: MW-28 **Lab ID: 92571046001** Collected: 11/05/21 10:05 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/09/21 02:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/09/21 02:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 02:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 02:29	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/09/21 02:29	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/09/21 02:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/09/21 02:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/09/21 02:29	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/09/21 02:29	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/09/21 02:29	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/09/21 02:29	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/09/21 02:29	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/09/21 02:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/09/21 02:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/09/21 02:29	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/09/21 02:29	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/09/21 02:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/09/21 02:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/09/21 02:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/09/21 02:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 02:29	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 02:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/09/21 02:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/09/21 02:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/09/21 02:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/09/21 02:29	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/09/21 02:29	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/09/21 02:29	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/09/21 02:29	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/09/21 02:29	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/09/21 02:29	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/09/21 02:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: MW-17 **Lab ID: 92571046002** Collected: 11/05/21 11:40 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/07/21 01:25		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/07/21 01:25		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/07/21 01:25		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/07/21 01:25		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	105	%	70-130		1		11/07/21 01:25	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		11/07/21 01:25	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:35	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/09/21 02:47	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/09/21 02:47	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/09/21 02:47	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/09/21 02:47	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/09/21 02:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/09/21 02:47	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/09/21 02:47	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/09/21 02:47	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/09/21 02:47	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/09/21 02:47	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/09/21 02:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/09/21 02:47	75-00-3	
Chloroform	**1.6**	ug/L	0.50	0.35	1		11/09/21 02:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/09/21 02:47	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 02:47	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 02:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/09/21 02:47	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/09/21 02:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/09/21 02:47	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/09/21 02:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 02:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 02:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/09/21 02:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/09/21 02:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/09/21 02:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 02:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/09/21 02:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 02:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/09/21 02:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/09/21 02:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/09/21 02:47	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: MW-17 **Lab ID: 92571046002** Collected: 11/05/21 11:40 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/09/21 02:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/09/21 02:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 02:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 02:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/09/21 02:47	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/09/21 02:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/09/21 02:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/09/21 02:47	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/09/21 02:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/09/21 02:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/09/21 02:47	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/09/21 02:47	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/09/21 02:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/09/21 02:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/09/21 02:47	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/09/21 02:47	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/09/21 02:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/09/21 02:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/09/21 02:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/09/21 02:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 02:47	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 02:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/09/21 02:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/09/21 02:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/09/21 02:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/09/21 02:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/09/21 02:47	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/09/21 02:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/09/21 02:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		11/09/21 02:47	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/09/21 02:47	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		11/09/21 02:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: MW-83 **Lab ID: 92571046003** Collected: 11/05/21 13:50 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/07/21 02:50		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/07/21 02:50		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/07/21 02:50		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/07/21 02:50		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		11/07/21 02:50	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/07/21 02:50	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:38	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/09/21 03:05	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/09/21 03:05	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/09/21 03:05	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/09/21 03:05	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/09/21 03:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/09/21 03:05	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/09/21 03:05	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/09/21 03:05	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/09/21 03:05	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/09/21 03:05	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/09/21 03:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/09/21 03:05	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/09/21 03:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/09/21 03:05	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 03:05	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 03:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/09/21 03:05	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/09/21 03:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/09/21 03:05	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/09/21 03:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 03:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 03:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/09/21 03:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/09/21 03:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/09/21 03:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 03:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/09/21 03:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 03:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/09/21 03:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/09/21 03:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/09/21 03:05	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: MW-83 **Lab ID: 92571046003** Collected: 11/05/21 13:50 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/09/21 03:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/09/21 03:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 03:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 03:05	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/09/21 03:05	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/09/21 03:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/09/21 03:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/09/21 03:05	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/09/21 03:05	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/09/21 03:05	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/09/21 03:05	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/09/21 03:05	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/09/21 03:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/09/21 03:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/09/21 03:05	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/09/21 03:05	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/09/21 03:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/09/21 03:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/09/21 03:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/09/21 03:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 03:05	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 03:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/09/21 03:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/09/21 03:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/09/21 03:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/09/21 03:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/09/21 03:05	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/09/21 03:05	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/09/21 03:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		11/09/21 03:05	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/09/21 03:05	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/09/21 03:05	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: MW-16D **Lab ID: 92571046004** Collected: 11/05/21 13:50 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/07/21 03:18		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/07/21 03:18		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/07/21 03:18		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/07/21 03:18		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/07/21 03:18	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/07/21 03:18	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**5.0**	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:41	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/09/21 03:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/09/21 03:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/09/21 03:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/09/21 03:23	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/09/21 03:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/09/21 03:23	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/09/21 03:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/09/21 03:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/09/21 03:23	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/09/21 03:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/09/21 03:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/09/21 03:23	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/09/21 03:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/09/21 03:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 03:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 03:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/09/21 03:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/09/21 03:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/09/21 03:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/09/21 03:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 03:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 03:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/09/21 03:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/09/21 03:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/09/21 03:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 03:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/09/21 03:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 03:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/09/21 03:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/09/21 03:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/09/21 03:23	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: MW-16D **Lab ID: 92571046004** Collected: 11/05/21 13:50 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/09/21 03:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/09/21 03:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 03:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 03:23	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/09/21 03:23	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/09/21 03:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/09/21 03:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/09/21 03:23	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/09/21 03:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/09/21 03:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/09/21 03:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/09/21 03:23	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/09/21 03:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/09/21 03:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/09/21 03:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/09/21 03:23	127-18-4	
Toluene	**0.56**	ug/L	0.50	0.48	1		11/09/21 03:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/09/21 03:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/09/21 03:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/09/21 03:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 03:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 03:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/09/21 03:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/09/21 03:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/09/21 03:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/09/21 03:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/09/21 03:23	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/09/21 03:23	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/09/21 03:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		11/09/21 03:23	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/09/21 03:23	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/09/21 03:23	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: MW-16 **Lab ID: 92571046005** Collected: 11/05/21 14:30 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/07/21 03:46		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/07/21 03:46		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/07/21 03:46		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/07/21 03:46		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/07/21 03:46	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		11/07/21 03:46	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/06/21 03:17	11/08/21 22:45	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/09/21 03:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/09/21 03:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/09/21 03:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/09/21 03:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/09/21 03:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/09/21 03:41	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/09/21 03:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/09/21 03:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/09/21 03:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/09/21 03:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/09/21 03:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/09/21 03:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/09/21 03:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/09/21 03:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 03:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 03:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/09/21 03:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/09/21 03:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/09/21 03:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/09/21 03:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 03:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 03:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/09/21 03:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/09/21 03:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/09/21 03:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 03:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/09/21 03:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 03:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/09/21 03:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/09/21 03:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/09/21 03:41	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: MW-16 **Lab ID: 92571046005** Collected: 11/05/21 14:30 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/09/21 03:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/09/21 03:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 03:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 03:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/09/21 03:41	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/09/21 03:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/09/21 03:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/09/21 03:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/09/21 03:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/09/21 03:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/09/21 03:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/09/21 03:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/09/21 03:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/09/21 03:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/09/21 03:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/09/21 03:41	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/09/21 03:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/09/21 03:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/09/21 03:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/09/21 03:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 03:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 03:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/09/21 03:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/09/21 03:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/09/21 03:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/09/21 03:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/09/21 03:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/09/21 03:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/09/21 03:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		11/09/21 03:41	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/09/21 03:41	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/09/21 03:41	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: FB-1-20211105 **Lab ID: 92571046006** Collected: 11/05/21 09:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/07/21 04:14		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/07/21 04:14		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/07/21 04:14		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/07/21 04:14		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/07/21 04:14	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/07/21 04:14	460-00-4	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/09/21 00:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/09/21 00:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/09/21 00:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/09/21 00:23	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/09/21 00:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/09/21 00:23	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/09/21 00:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/09/21 00:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/09/21 00:23	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/09/21 00:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/09/21 00:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/09/21 00:23	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/09/21 00:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/09/21 00:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 00:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 00:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/09/21 00:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/09/21 00:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/09/21 00:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/09/21 00:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 00:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 00:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/09/21 00:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/09/21 00:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/09/21 00:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 00:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/09/21 00:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 00:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/09/21 00:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/09/21 00:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/09/21 00:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/09/21 00:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/09/21 00:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 00:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 00:23	10061-02-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: FB-1-20211105 **Lab ID: 92571046006** Collected: 11/05/21 09:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/09/21 00:23	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/09/21 00:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/09/21 00:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/09/21 00:23	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/09/21 00:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/09/21 00:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/09/21 00:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/09/21 00:23	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/09/21 00:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/09/21 00:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/09/21 00:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/09/21 00:23	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/09/21 00:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/09/21 00:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/09/21 00:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/09/21 00:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 00:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 00:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/09/21 00:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/09/21 00:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/09/21 00:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/09/21 00:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/09/21 00:23	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/09/21 00:23	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/09/21 00:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/09/21 00:23	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/09/21 00:23	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/09/21 00:23	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: TRIP BLANK **Lab ID: 92571046007** Collected: 11/05/21 00:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/09/21 00:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/09/21 00:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/09/21 00:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/09/21 00:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/09/21 00:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/09/21 00:41	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/09/21 00:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/09/21 00:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/09/21 00:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/09/21 00:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/09/21 00:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/09/21 00:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/09/21 00:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/09/21 00:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 00:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/09/21 00:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/09/21 00:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/09/21 00:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/09/21 00:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/09/21 00:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 00:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/09/21 00:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/09/21 00:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/09/21 00:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/09/21 00:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 00:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/09/21 00:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 00:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/09/21 00:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/09/21 00:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/09/21 00:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/09/21 00:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/09/21 00:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 00:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/09/21 00:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/09/21 00:41	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/09/21 00:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/09/21 00:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/09/21 00:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/09/21 00:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/09/21 00:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/09/21 00:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/09/21 00:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/09/21 00:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/09/21 00:41	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Sample: TRIP BLANK **Lab ID: 92571046007** Collected: 11/05/21 00:00 Received: 11/05/21 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/09/21 00:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/09/21 00:41	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/09/21 00:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/09/21 00:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/09/21 00:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/09/21 00:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/09/21 00:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/09/21 00:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/09/21 00:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/09/21 00:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/09/21 00:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/09/21 00:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/09/21 00:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/09/21 00:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/09/21 00:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		11/09/21 00:41	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/09/21 00:41	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/09/21 00:41	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

QC Batch: 658061
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571046001, 92571046002

METHOD BLANK: 3449433 Matrix: Water
Associated Lab Samples: 92571046001, 92571046002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/06/21 16:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/06/21 16:32	N2
4-Bromofluorobenzene (FID) (S)	%	104	70-130		11/06/21 16:32	
4-Bromofluorobenzene (PID) (S)	%	98	70-130		11/06/21 16:32	

LABORATORY CONTROL SAMPLE & LCSD: 3449434 3449435

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	300	273	100	91	70-130	10	25	N2
Aromatic (C09-C10)	ug/L	100	108	102	108	102	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	100	70-130			
4-Bromofluorobenzene (PID) (S)	%				93	93	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

QC Batch: 658066
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571046003, 92571046004, 92571046005, 92571046006

METHOD BLANK: 3449440 Matrix: Water
Associated Lab Samples: 92571046003, 92571046004, 92571046005, 92571046006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/06/21 17:00	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/06/21 17:00	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		11/06/21 17:00	
4-Bromofluorobenzene (PID) (S)	%	98	70-130		11/06/21 17:00	

LABORATORY CONTROL SAMPLE & LCSD: 3449441 3449442

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	290	302	97	101	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	106	106	106	106	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				93	96	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

QC Batch: 658028
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92571046001, 92571046002, 92571046003, 92571046004, 92571046005

METHOD BLANK: 3449364 Matrix: Water
Associated Lab Samples: 92571046001, 92571046002, 92571046003, 92571046004, 92571046005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/08/21 21:25	

LABORATORY CONTROL SAMPLE: 3449365

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	514	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3449366 3449367

Parameter	Units	92570816001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	492	467	98	93	75-125	5	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

QC Batch: 658257
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571046001, 92571046002, 92571046003, 92571046004, 92571046005, 92571046006, 92571046007

METHOD BLANK: 3450153 Matrix: Water
Associated Lab Samples: 92571046001, 92571046002, 92571046003, 92571046004, 92571046005, 92571046006, 92571046007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/08/21 23:29	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/08/21 23:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/08/21 23:29	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/08/21 23:29	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/08/21 23:29	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/08/21 23:29	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/08/21 23:29	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/08/21 23:29	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/08/21 23:29	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/08/21 23:29	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/08/21 23:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/08/21 23:29	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/08/21 23:29	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/08/21 23:29	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/08/21 23:29	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/08/21 23:29	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/08/21 23:29	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/08/21 23:29	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/08/21 23:29	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/08/21 23:29	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/08/21 23:29	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/08/21 23:29	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/08/21 23:29	
Benzene	ug/L	ND	0.50	0.34	11/08/21 23:29	
Bromobenzene	ug/L	ND	0.50	0.29	11/08/21 23:29	
Bromochloromethane	ug/L	ND	0.50	0.47	11/08/21 23:29	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/08/21 23:29	
Bromoform	ug/L	ND	0.50	0.34	11/08/21 23:29	
Bromomethane	ug/L	ND	5.0	1.7	11/08/21 23:29	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/08/21 23:29	
Chlorobenzene	ug/L	ND	0.50	0.28	11/08/21 23:29	
Chloroethane	ug/L	ND	1.0	0.65	11/08/21 23:29	
Chloroform	ug/L	ND	0.50	0.35	11/08/21 23:29	
Chloromethane	ug/L	ND	1.0	0.54	11/08/21 23:29	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/08/21 23:29	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/08/21 23:29	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/08/21 23:29	
Dibromomethane	ug/L	ND	0.50	0.39	11/08/21 23:29	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/08/21 23:29	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/08/21 23:29	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

METHOD BLANK: 3450153 Matrix: Water
Associated Lab Samples: 92571046001, 92571046002, 92571046003, 92571046004, 92571046005, 92571046006, 92571046007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/08/21 23:29	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/08/21 23:29	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/08/21 23:29	
m&p-Xylene	ug/L	ND	1.0	0.71	11/08/21 23:29	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/08/21 23:29	
Methylene Chloride	ug/L	ND	2.0	2.0	11/08/21 23:29	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/08/21 23:29	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/08/21 23:29	
Naphthalene	ug/L	ND	2.0	0.64	11/08/21 23:29	
o-Xylene	ug/L	ND	0.50	0.34	11/08/21 23:29	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/08/21 23:29	
Styrene	ug/L	ND	0.50	0.29	11/08/21 23:29	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/08/21 23:29	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/08/21 23:29	
Toluene	ug/L	ND	0.50	0.48	11/08/21 23:29	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/08/21 23:29	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/08/21 23:29	
Trichloroethene	ug/L	ND	0.50	0.38	11/08/21 23:29	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/08/21 23:29	
Vinyl chloride	ug/L	ND	1.0	0.39	11/08/21 23:29	
1,2-Dichloroethane-d4 (S)	%	94	70-130		11/08/21 23:29	
4-Bromofluorobenzene (S)	%	96	70-130		11/08/21 23:29	
Toluene-d8 (S)	%	101	70-130		11/08/21 23:29	

LABORATORY CONTROL SAMPLE: 3450154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.4	101	60-140	
1,1,1-Trichloroethane	ug/L	50	48.5	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	45.8	92	60-140	
1,1-Dichloroethene	ug/L	50	45.5	91	60-140	
1,1-Dichloropropene	ug/L	50	48.1	96	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.2	100	60-140	
1,2,3-Trichloropropane	ug/L	50	44.9	90	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.6	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.2	104	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.7	97	60-140	
1,2-Dichlorobenzene	ug/L	50	47.6	95	60-140	
1,2-Dichloroethane	ug/L	50	42.9	86	60-140	
1,2-Dichloropropane	ug/L	50	46.7	93	60-140	
1,3,5-Trimethylbenzene	ug/L	50	46.8	94	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

LABORATORY CONTROL SAMPLE: 3450154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.2	94	60-140	
1,3-Dichloropropane	ug/L	50	46.1	92	60-140	
1,4-Dichlorobenzene	ug/L	50	47.9	96	60-140	
2,2-Dichloropropane	ug/L	50	46.8	94	60-140	
2-Chlorotoluene	ug/L	50	45.9	92	60-140	
4-Chlorotoluene	ug/L	50	44.2	88	60-140	
Benzene	ug/L	50	47.3	95	60-140	
Bromobenzene	ug/L	50	48.3	97	60-140	
Bromochloromethane	ug/L	50	47.6	95	60-140	
Bromodichloromethane	ug/L	50	48.9	98	60-140	
Bromoform	ug/L	50	53.8	108	60-140	
Bromomethane	ug/L	50	46.4	93	60-140	
Carbon tetrachloride	ug/L	50	51.4	103	60-140	
Chlorobenzene	ug/L	50	49.8	100	60-140	
Chloroethane	ug/L	50	57.8	116	60-140	
Chloroform	ug/L	50	45.5	91	60-140	
Chloromethane	ug/L	50	47.1	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.7	95	60-140	
Dibromochloromethane	ug/L	50	52.9	106	60-140	
Dibromomethane	ug/L	50	50.2	100	60-140	
Dichlorodifluoromethane	ug/L	50	63.5	127	60-140	
Diisopropyl ether	ug/L	50	42.3	85	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	53.3	107	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.7	103	60-140	
m&p-Xylene	ug/L	100	98.7	99	60-140	
Methyl-tert-butyl ether	ug/L	50	43.0	86	60-140	
Methylene Chloride	ug/L	50	49.1	98	60-140	
n-Butylbenzene	ug/L	50	46.6	93	60-140	
n-Propylbenzene	ug/L	50	45.9	92	60-140	
Naphthalene	ug/L	50	48.7	97	60-140	
o-Xylene	ug/L	50	48.8	98	60-140	
sec-Butylbenzene	ug/L	50	47.7	95	60-140	
Styrene	ug/L	50	51.2	102	60-140	
tert-Butylbenzene	ug/L	50	39.9	80	60-140	
Tetrachloroethene	ug/L	50	52.4	105	60-140	
Toluene	ug/L	50	48.1	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.8	92	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.2	94	60-140	
Trichloroethene	ug/L	50	51.7	103	60-140	
Trichlorofluoromethane	ug/L	50	52.7	105	60-140	
Vinyl chloride	ug/L	50	50.6	101	60-140	
1,2-Dichloroethane-d4 (S)	%			86	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			97	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3450155 3450156

Parameter	Units	92570378004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	19.8	96	99	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.2	20.3	96	101	60-140	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.7	19.1	88	96	60-140	8	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	17.6	18.3	88	92	60-140	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.0	20.2	95	101	60-140	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.2	20.7	101	103	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.0	20.6	100	103	60-140	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.0	20.4	105	102	60-140	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	16.5	19.1	83	95	60-140	14	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.3	20.9	106	104	60-140	2	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.6	19.4	91	95	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.7	20.9	103	104	60-140	1	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	17.9	19.2	89	96	60-140	7	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.6	19.5	93	98	60-140	5	30	
1,2-Dichloroethane	ug/L	ND	20	20	16.3	16.6	82	83	60-140	2	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.2	18.3	91	92	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.5	20.0	97	100	60-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.6	19.2	93	96	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.8	18.5	89	93	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.8	19.9	94	100	60-140	6	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.4	21.6	102	108	60-140	6	30	
2-Chlorotoluene	ug/L	ND	20	20	19.3	20.2	96	101	60-140	5	30	
4-Chlorotoluene	ug/L	ND	20	20	18.1	19.0	91	95	60-140	5	30	
Benzene	ug/L	ND	20	20	19.0	20.5	95	103	60-140	8	30	
Bromobenzene	ug/L	ND	20	20	19.1	19.7	95	98	60-140	3	30	
Bromochloromethane	ug/L	ND	20	20	18.0	18.8	90	94	60-140	4	30	
Bromodichloromethane	ug/L	ND	20	20	18.2	19.0	91	95	60-140	4	30	
Bromoform	ug/L	ND	20	20	17.4	19.0	87	95	60-140	9	30	
Bromomethane	ug/L	ND	20	20	20.9	21.9	104	110	60-140	5	30	
Carbon tetrachloride	ug/L	ND	20	20	20.4	21.4	102	107	60-140	5	30	
Chlorobenzene	ug/L	ND	20	20	20.0	20.5	100	103	60-140	2	30	
Chloroethane	ug/L	ND	20	20	26.9	27.6	135	138	60-140	3	30	
Chloroform	ug/L	2.1	20	20	20.2	21.1	90	95	60-140	5	30	
Chloromethane	ug/L	ND	20	20	22.4	22.8	112	114	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.5	19.6	92	98	60-140	6	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.7	18.8	88	94	60-140	6	30	
Dibromochloromethane	ug/L	ND	20	20	19.0	19.6	95	98	60-140	3	30	
Dibromomethane	ug/L	ND	20	20	18.2	19.9	91	100	60-140	9	30	
Dichlorodifluoromethane	ug/L	ND	20	20	30.2	32.3	151	162	60-140	7	30	M1
Diisopropyl ether	ug/L	ND	20	20	16.3	17.0	82	85	60-140	4	30	
Ethylbenzene	ug/L	ND	20	20	19.3	20.4	96	102	60-140	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	28.3	27.4	141	137	60-140	3	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.9	21.4	100	107	60-140	7	30	
m&p-Xylene	ug/L	ND	40	40	38.8	41.2	97	103	60-140	6	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3450155 3450156

Parameter	Units	92570378004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	16.5	17.3	83	87	60-140	5	30	
Methylene Chloride	ug/L	ND	20	20	19.9	20.3	99	101	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	21.6	21.7	108	109	60-140	1	30	
n-Propylbenzene	ug/L	ND	20	20	19.4	19.8	97	99	60-140	2	30	
Naphthalene	ug/L	ND	20	20	19.2	19.1	96	95	60-140	1	30	
o-Xylene	ug/L	ND	20	20	19.2	19.8	96	99	60-140	3	30	
sec-Butylbenzene	ug/L	ND	20	20	21.0	21.7	105	108	60-140	3	30	
Styrene	ug/L	ND	20	20	18.8	19.8	94	99	60-140	6	30	
tert-Butylbenzene	ug/L	ND	20	20	17.0	17.5	85	88	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	20.9	22.2	104	111	60-140	6	30	
Toluene	ug/L	5.2	20	20	23.8	24.0	93	94	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.4	20.6	97	103	60-140	6	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.1	18.0	85	90	60-140	5	30	
Trichloroethene	ug/L	ND	20	20	20.3	21.4	101	107	60-140	6	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.3	21.5	101	107	60-140	6	30	
Vinyl chloride	ug/L	ND	20	20	22.5	24.4	112	122	60-140	8	30	
1,2-Dichloroethane-d4 (S)	%						88	86	70-130			
4-Bromofluorobenzene (S)	%						95	97	70-130			
Toluene-d8 (S)	%						98	97	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92571046

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92571046001	**MW-28**	MADEP VPH	658061		
92571046002	**MW-17**	MADEP VPH	658061		
92571046003	**MW-83**	MADEP VPH	658066		
92571046004	**MW-16D**	MADEP VPH	658066		
92571046005	**MW-16**	MADEP VPH	658066		
92571046006	**FB-1-20211105**	MADEP VPH	658066		
92571046001	**MW-28**	EPA 3010A	658028	EPA 6010D	658040
92571046002	**MW-17**	EPA 3010A	658028	EPA 6010D	658040
92571046003	**MW-83**	EPA 3010A	658028	EPA 6010D	658040
92571046004	**MW-16D**	EPA 3010A	658028	EPA 6010D	658040
92571046005	**MW-16**	EPA 3010A	658028	EPA 6010D	658040
92571046001	**MW-28**	SM 6200B	658257		
92571046002	**MW-17**	SM 6200B	658257		
92571046003	**MW-83**	SM 6200B	658257		
92571046004	**MW-16D**	SM 6200B	658257		
92571046005	**MW-16**	SM 6200B	658257		
92571046006	**FB-1-20211105**	SM 6200B	658257		
92571046007	**TRIP BLANK**	SM 6200B	658257		

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☑ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: AECOM

Project #: WO# : 92571046

92571046

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☑ No Seals Intact? ☐ Yes ☑ No

Date/Initials Person Examining Contents: JB 11/05/21

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☐ IR Gun ID: 92764 ☑ Wet ☐ Blue ☐ None Type of Ice:

Cooler Temp: 1.6/2.0 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 1.6/2.0

USDA Regulated Soil (☑ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☑ Yes	☐ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☑ No	☐ N/A	8.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: W +	☑ Yes	☐ No	☐ N/A	9.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☐ N/A	10.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

1/2

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92571046**

PM: BV Due Date: 11/10/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1 ✓										7													
2						1 ✓										7													
3						1 ✓										7													
4						1 ✓										7													
5						1 ✓										7													
6						1 ✓										7													
7						1 ✓	2 3 4/15/21									2													
8						1 ✓																							
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Section A	Section B	Section C
Required Client Information:	**Required Project Information:**	**Invoice Information:**
Company: AECOM	Report To: Andrew Wreschnig	Attention:
Address: 6000 Fairview Road	Copy To:	Company Name:
Suite 200, Charlotte, NC 28226		Address:
Email: andrew.wreschnig@aecom.com	Purchase Order #:	Pace Quote:
Phone: (704)522-0330 Fax	Project Name: CPC Huntersville 60639876	Pace Project Manager: bonnie.vang@pacelabs.com,
Requested Due Date: 3-Day TAT	Project #:	Pace Profile #: 12518-3

Regulatory Agency

State / Location: NC

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX CODE (see valid codes to left) Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Other OT, Tissue TS	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Y/N	Analyses Test: 6200	VPH	Lead; Total	Trip BLANK	Residual Chlorine (Y/N)	92571046
1	MW-28	WT	G			11/5/21	1005		8			X	X					X	X	X			001
2	MW-17						1140					X	X					X	X	X			002
3	MW-83						1350					X	X					X	X	X			003
4	MW-16D						1350					X	X					X	X	X			004
5	MW-16						1430					X	X					X	X	X			005
6	FB-1-20211105						0900		7			X	X					X	X				006
7	Trip Blank	-	-			-			2											X			007
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3-Day TAT	Mike deKozlowski/AECOM	11/5/21	1550	BT PACE HVL	11/5/21	1550	1.6	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mike deKozlowski

SIGNATURE of SAMPLER: Mike deKozlowski

DATE Signed: 11/5/21

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 22, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on November 19, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92573585001	**MW-90DD**	Water	11/19/21 13:10	11/19/21 15:05
92573585002	**TRIP BLANK**	Water	11/19/21 00:00	11/19/21 15:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92573585001	**MW-90DD**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92573585002	**TRIP BLANK**	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

Sample: MW-90DD **Lab ID: 92573585001** Collected: 11/19/21 13:10 Received: 11/19/21 15:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	**174**	ug/L	50.0	50.0	1		11/19/21 20:42		N2
Aliphatic (C05-C08)	**137**	ug/L	50.0	50.0	1		11/19/21 20:42		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/19/21 20:42		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/19/21 20:42		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/19/21 20:42	460-00-4	
4-Bromofluorobenzene (PID) (S)	84	%	70-130		1		11/19/21 20:42	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/20/21 03:12	11/21/21 20:44	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	**10.8**	ug/L	0.50	0.34	1		11/20/21 06:03	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/20/21 06:03	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/20/21 06:03	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/20/21 06:03	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/20/21 06:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/20/21 06:03	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/20/21 06:03	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/20/21 06:03	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/20/21 06:03	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/20/21 06:03	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/20/21 06:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/20/21 06:03	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/20/21 06:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/20/21 06:03	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/20/21 06:03	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/20/21 06:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/20/21 06:03	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/20/21 06:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/20/21 06:03	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/20/21 06:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/20/21 06:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/20/21 06:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/20/21 06:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/20/21 06:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/20/21 06:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/20/21 06:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/20/21 06:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/20/21 06:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/20/21 06:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/20/21 06:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/20/21 06:03	142-28-9	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

Sample: MW-90DD **Lab ID: 92573585001** Collected: 11/19/21 13:10 Received: 11/19/21 15:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/20/21 06:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/20/21 06:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/20/21 06:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/20/21 06:03	10061-02-6	
Diisopropyl ether	**5.0**	ug/L	0.50	0.31	1		11/20/21 06:03	108-20-3	
Ethylbenzene	**1.3**	ug/L	0.50	0.30	1		11/20/21 06:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/20/21 06:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/20/21 06:03	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/20/21 06:03	75-09-2	
Methyl-tert-butyl ether	**2.1**	ug/L	0.50	0.42	1		11/20/21 06:03	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/20/21 06:03	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/20/21 06:03	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/20/21 06:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/20/21 06:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/20/21 06:03	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/20/21 06:03	127-18-4	
Toluene	**18.7**	ug/L	0.50	0.48	1		11/20/21 06:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/20/21 06:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/20/21 06:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/20/21 06:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/20/21 06:03	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/20/21 06:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/20/21 06:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/20/21 06:03	96-18-4	
1,2,4-Trimethylbenzene	**0.66**	ug/L	0.50	0.50	1		11/20/21 06:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/20/21 06:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/20/21 06:03	75-01-4	
m&p-Xylene	**4.9**	ug/L	1.0	0.71	1		11/20/21 06:03	179601-23-1	
o-Xylene	**2.5**	ug/L	0.50	0.34	1		11/20/21 06:03	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		11/20/21 06:03	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/20/21 06:03	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/20/21 06:03	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

Sample: TRIP BLANK **Lab ID: 92573585002** Collected: 11/19/21 00:00 Received: 11/19/21 15:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/20/21 04:51	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/20/21 04:51	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/20/21 04:51	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/20/21 04:51	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/20/21 04:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/20/21 04:51	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/20/21 04:51	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/20/21 04:51	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/20/21 04:51	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/20/21 04:51	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/20/21 04:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/20/21 04:51	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/20/21 04:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/20/21 04:51	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/20/21 04:51	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/20/21 04:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/20/21 04:51	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/20/21 04:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/20/21 04:51	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/20/21 04:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/20/21 04:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/20/21 04:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/20/21 04:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/20/21 04:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/20/21 04:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/20/21 04:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/20/21 04:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/20/21 04:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/20/21 04:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/20/21 04:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/20/21 04:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/20/21 04:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/20/21 04:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/20/21 04:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/20/21 04:51	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/20/21 04:51	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/20/21 04:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/20/21 04:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/20/21 04:51	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/20/21 04:51	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/20/21 04:51	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/20/21 04:51	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/20/21 04:51	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/20/21 04:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/20/21 04:51	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

Sample: TRIP BLANK **Lab ID: 92573585002** Collected: 11/19/21 00:00 Received: 11/19/21 15:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/20/21 04:51	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/20/21 04:51	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/20/21 04:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/20/21 04:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/20/21 04:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/20/21 04:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/20/21 04:51	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/20/21 04:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/20/21 04:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/20/21 04:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/20/21 04:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/20/21 04:51	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/20/21 04:51	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/20/21 04:51	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/20/21 04:51	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		11/20/21 04:51	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		11/20/21 04:51	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/20/21 04:51	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

QC Batch: 661253
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92573585001

METHOD BLANK: 3464619 Matrix: Water
Associated Lab Samples: 92573585001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/19/21 14:06	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/19/21 14:06	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		11/19/21 14:06	
4-Bromofluorobenzene (PID) (S)	%	86	70-130		11/19/21 14:06	

LABORATORY CONTROL SAMPLE & LCSD: 3464620 3464621

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	269	272	90	91	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	101	98.8	101	99	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				85	84	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

QC Batch: 661340
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92573585001

METHOD BLANK: 3465317 Matrix: Water
Associated Lab Samples: 92573585001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/21/21 20:31	

LABORATORY CONTROL SAMPLE: 3465318

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	480	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3465319 3465320

Parameter	Units	92573585001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	474	468	95	93	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

QC Batch: 661316
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92573585001, 92573585002

METHOD BLANK: 3465223 Matrix: Water
Associated Lab Samples: 92573585001, 92573585002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/20/21 04:33	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/20/21 04:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/20/21 04:33	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/20/21 04:33	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/20/21 04:33	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/20/21 04:33	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/20/21 04:33	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/20/21 04:33	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/20/21 04:33	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/20/21 04:33	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/20/21 04:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/20/21 04:33	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/20/21 04:33	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/20/21 04:33	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/20/21 04:33	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/20/21 04:33	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/20/21 04:33	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/20/21 04:33	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/20/21 04:33	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/20/21 04:33	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/20/21 04:33	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/20/21 04:33	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/20/21 04:33	
Benzene	ug/L	ND	0.50	0.34	11/20/21 04:33	
Bromobenzene	ug/L	ND	0.50	0.29	11/20/21 04:33	
Bromochloromethane	ug/L	ND	0.50	0.47	11/20/21 04:33	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/20/21 04:33	
Bromoform	ug/L	ND	0.50	0.34	11/20/21 04:33	
Bromomethane	ug/L	ND	5.0	1.7	11/20/21 04:33	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/20/21 04:33	
Chlorobenzene	ug/L	ND	0.50	0.28	11/20/21 04:33	
Chloroethane	ug/L	ND	1.0	0.65	11/20/21 04:33	
Chloroform	ug/L	ND	0.50	0.35	11/20/21 04:33	
Chloromethane	ug/L	ND	1.0	0.54	11/20/21 04:33	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/20/21 04:33	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/20/21 04:33	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/20/21 04:33	
Dibromomethane	ug/L	ND	0.50	0.39	11/20/21 04:33	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/20/21 04:33	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/20/21 04:33	

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

METHOD BLANK: 3465223 Matrix: Water
Associated Lab Samples: 92573585001, 92573585002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	11/20/21 04:33	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/20/21 04:33	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/20/21 04:33	
m&p-Xylene	ug/L	ND	1.0	0.71	11/20/21 04:33	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/20/21 04:33	
Methylene Chloride	ug/L	ND	2.0	2.0	11/20/21 04:33	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/20/21 04:33	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/20/21 04:33	
Naphthalene	ug/L	ND	2.0	0.64	11/20/21 04:33	
o-Xylene	ug/L	ND	0.50	0.34	11/20/21 04:33	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/20/21 04:33	
Styrene	ug/L	ND	0.50	0.29	11/20/21 04:33	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/20/21 04:33	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/20/21 04:33	
Toluene	ug/L	ND	0.50	0.48	11/20/21 04:33	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/20/21 04:33	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/20/21 04:33	
Trichloroethene	ug/L	ND	0.50	0.38	11/20/21 04:33	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/20/21 04:33	
Vinyl chloride	ug/L	ND	1.0	0.39	11/20/21 04:33	
1,2-Dichloroethane-d4 (S)	%	105	70-130		11/20/21 04:33	
4-Bromofluorobenzene (S)	%	95	70-130		11/20/21 04:33	
Toluene-d8 (S)	%	103	70-130		11/20/21 04:33	

LABORATORY CONTROL SAMPLE: 3465224

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	57.5	115	60-140	
1,1,1-Trichloroethane	ug/L	50	52.5	105	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.7	103	60-140	
1,1,2-Trichloroethane	ug/L	50	51.7	103	60-140	
1,1-Dichloroethane	ug/L	50	53.0	106	60-140	
1,1-Dichloroethene	ug/L	50	53.3	107	60-140	
1,1-Dichloropropene	ug/L	50	52.7	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.8	110	60-140	
1,2,3-Trichloropropane	ug/L	50	48.8	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.7	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	52.3	105	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	56.4	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	54.6	109	60-140	
1,2-Dichlorobenzene	ug/L	50	52.2	104	60-140	
1,2-Dichloroethane	ug/L	50	50.6	101	60-140	
1,2-Dichloropropane	ug/L	50	52.5	105	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.1	104	60-140	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

LABORATORY CONTROL SAMPLE: 3465224

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	53.0	106	60-140	
1,3-Dichloropropane	ug/L	50	51.0	102	60-140	
1,4-Dichlorobenzene	ug/L	50	51.4	103	60-140	
2,2-Dichloropropane	ug/L	50	51.9	104	60-140	
2-Chlorotoluene	ug/L	50	52.5	105	60-140	
4-Chlorotoluene	ug/L	50	50.6	101	60-140	
Benzene	ug/L	50	49.7	99	60-140	
Bromobenzene	ug/L	50	52.5	105	60-140	
Bromochloromethane	ug/L	50	51.9	104	60-140	
Bromodichloromethane	ug/L	50	56.5	113	60-140	
Bromoform	ug/L	50	47.0	94	60-140	
Bromomethane	ug/L	50	57.8	116	60-140	
Carbon tetrachloride	ug/L	50	55.1	110	60-140	
Chlorobenzene	ug/L	50	52.4	105	60-140	
Chloroethane	ug/L	50	63.6	127	60-140	
Chloroform	ug/L	50	51.0	102	60-140	
Chloromethane	ug/L	50	52.4	105	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.3	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	55.2	110	60-140	
Dibromochloromethane	ug/L	50	58.7	117	60-140	
Dibromomethane	ug/L	50	53.7	107	60-140	
Dichlorodifluoromethane	ug/L	50	48.2	96	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethylbenzene	ug/L	50	51.7	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	53.2	106	60-140	
Isopropylbenzene (Cumene)	ug/L	50	53.1	106	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	49.4	99	60-140	
Methylene Chloride	ug/L	50	54.0	108	60-140	
n-Butylbenzene	ug/L	50	50.9	102	60-140	
n-Propylbenzene	ug/L	50	50.6	101	60-140	
Naphthalene	ug/L	50	55.0	110	60-140	
o-Xylene	ug/L	50	53.1	106	60-140	
sec-Butylbenzene	ug/L	50	51.0	102	60-140	
Styrene	ug/L	50	54.9	110	60-140	
tert-Butylbenzene	ug/L	50	43.3	87	60-140	
Tetrachloroethene	ug/L	50	52.1	104	60-140	
Toluene	ug/L	50	51.1	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.9	104	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.5	107	60-140	
Trichloroethene	ug/L	50	53.7	107	60-140	
Trichlorofluoromethane	ug/L	50	55.1	110	60-140	
Vinyl chloride	ug/L	50	50.9	102	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3465225 3465226

Parameter	Units	92573027011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	87.9	110	88	110	60-140	23	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	85.7	115	86	115	60-140	29	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	82.5	103	82	103	60-140	22	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	80.1	99.2	80	99	60-140	21	30	
1,1-Dichloroethane	ug/L	ND	100	100	88.2	110	88	110	60-140	22	30	
1,1-Dichloroethene	ug/L	ND	100	100	95.4	121	95	121	60-140	24	30	
1,1-Dichloropropene	ug/L	ND	100	100	88.7	115	89	115	60-140	26	30	
1,2,3-Trichlorobenzene	ug/L	ND	100	100	90.2	110	90	110	60-140	19	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	79.0	97.8	79	98	60-140	21	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	86.0	110	86	110	60-140	24	30	
1,2,4-Trimethylbenzene	ug/L	335	100	100	440	473	106	138	60-140	7	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	90.7	110	91	110	60-140	20	30	
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	89.0	105	89	105	60-140	17	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	79.5	99.1	80	99	60-140	22	30	
1,2-Dichloroethane	ug/L	ND	100	100	79.4	102	79	102	60-140	25	30	
1,2-Dichloropropane	ug/L	ND	100	100	78.5	100	79	100	60-140	24	30	
1,3,5-Trimethylbenzene	ug/L	74.2	100	100	170	196	95	122	60-140	15	30	
1,3-Dichlorobenzene	ug/L	ND	100	100	79.9	102	80	102	60-140	24	30	
1,3-Dichloropropane	ug/L	ND	100	100	78.6	94.2	79	94	60-140	18	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	79.9	102	80	102	60-140	24	30	
2,2-Dichloropropane	ug/L	ND	100	100	91.2	124	91	124	60-140	30	30	
2-Chlorotoluene	ug/L	ND	100	100	90.6	115	91	115	60-140	24	30	
4-Chlorotoluene	ug/L	ND	100	100	77.2	99.2	77	99	60-140	25	30	
Benzene	ug/L	26.1	100	100	107	135	81	109	60-140	23	30	
Bromobenzene	ug/L	ND	100	100	80.2	102	80	102	60-140	24	30	
Bromochloromethane	ug/L	ND	100	100	85.1	113	85	113	60-140	28	30	
Bromodichloromethane	ug/L	ND	100	100	84.2	112	84	112	60-140	28	30	
Bromoform	ug/L	ND	100	100	78.9	96.8	79	97	60-140	20	30	
Bromomethane	ug/L	ND	100	100	99.1	129	99	129	60-140	26	30	
Carbon tetrachloride	ug/L	ND	100	100	85.7	117	86	117	60-140	31	30	R1
Chlorobenzene	ug/L	ND	100	100	84.2	103	84	103	60-140	20	30	
Chloroethane	ug/L	ND	100	100	96.7	136	97	136	60-140	34	30	R1
Chloroform	ug/L	ND	100	100	85.0	107	85	107	60-140	23	30	
Chloromethane	ug/L	ND	100	100	79.5	106	80	106	60-140	29	30	
cis-1,2-Dichloroethene	ug/L	ND	100	100	86.4	110	86	110	60-140	24	30	
cis-1,3-Dichloropropene	ug/L	ND	100	100	82.4	109	82	109	60-140	28	30	
Dibromochloromethane	ug/L	ND	100	100	90.5	108	90	108	60-140	17	30	
Dibromomethane	ug/L	ND	100	100	81.5	107	81	107	60-140	27	30	
Dichlorodifluoromethane	ug/L	ND	100	100	62.9	83.4	63	83	60-140	28	30	
Diisopropyl ether	ug/L	ND	100	100	79.3	104	79	104	60-140	27	30	
Ethylbenzene	ug/L	171	100	100	274	292	103	121	60-140	7	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	98.2	120	98	120	60-140	20	30	
Isopropylbenzene (Cumene)	ug/L	10.5	100	100	98.4	120	88	109	60-140	19	30	
m&p-Xylene	ug/L	818	200	200	1050	1090	114	137	60-140	4	30	

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(704)875-9092

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3465225 3465226

Parameter	Units	92573027011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	100	100	83.1	106	83	106	60-140	24	30	
Methylene Chloride	ug/L	ND	100	100	86.0	113	86	113	60-140	27	30	
n-Butylbenzene	ug/L	ND	100	100	94.6	120	95	120	60-140	23	30	
n-Propylbenzene	ug/L	23.3	100	100	107	130	83	106	60-140	19	30	
Naphthalene	ug/L	57.4	100	100	149	167	92	110	60-140	11	30	
o-Xylene	ug/L	427	100	100	541	553	115	126	60-140	2	30	
sec-Butylbenzene	ug/L	ND	100	100	81.7	111	82	111	60-140	30	30	
Styrene	ug/L	ND	100	100	87.7	107	88	107	60-140	19	30	
tert-Butylbenzene	ug/L	ND	100	100	68.6	88.4	69	88	60-140	25	30	
Tetrachloroethene	ug/L	ND	100	100	83.1	108	83	108	60-140	26	30	
Toluene	ug/L	495	100	100	566	608	72	113	60-140	7	30	
trans-1,2-Dichloroethene	ug/L	ND	100	100	87.7	114	88	114	60-140	26	30	
trans-1,3-Dichloropropene	ug/L	ND	100	100	82.7	110	83	110	60-140	29	30	
Trichloroethene	ug/L	ND	100	100	82.7	106	83	106	60-140	25	30	
Trichlorofluoromethane	ug/L	ND	100	100	73.4	104	73	104	60-140	35	30	R1
Vinyl chloride	ug/L	ND	100	100	83.5	112	84	112	60-140	29	30	
1,2-Dichloroethane-d4 (S)	%						103	102	70-130			
4-Bromofluorobenzene (S)	%						101	100	70-130			
Toluene-d8 (S)	%						95	99	70-130			

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QUALIFIERS

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92573585

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92573585001	**MW-90DD**	MADEP VPH	661253		
92573585001	**MW-90DD**	EPA 3010A	661340	EPA 6010D	661365
92573585001	**MW-90DD**	SM 6200B	661316		
92573585002	**TRIP BLANK**	SM 6200B	661316		

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Pace Analytical®	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: November 15, 2021 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.08	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☑ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: AECOM

Project #: WO# : 92573585

92573585

Courier: ☐ Commercial ☐ Fed Ex ☐ Pace ☐ UPS ☐ USPS ☐ Other:____ ☑ Client

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Date/Initials Person Examining Contents: 11-19-21 AMP

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 92T064

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.3 **Correction Factor:** Add/Subtract (°C) 0

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 3.3

USDA Regulated Soil (☑ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☑ Yes	☐ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☑ No	☐ N/A	10.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # WO#: 92573585

PM: BV Due Date: 11/22/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (3 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2																2													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	AECOM	Report To:	Andy Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
Suite 200, Charlotte, NC 28210				Address:	
Email:	andrew.wreschnig@aecom.com	Purchase Order #:		Pace Quote:	60639876
Phone:	(704)716-0757 Fax:	Project Name:	CPC Huntersville-60639876	Pace Project Manager:	bonnie.vang@pacelabs.com,
Requested Due Date:	Fastest TAT	Project #:		Pace Profile #:	~~8458~~ 12518

Regulatory Agency

State / Location: NC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Requested Analysis Filtered (Y/N): 6200B	VPH	6010-Pb	n-butanol by 8015	Trip BLANK	DI Water	Residual Chlorine (Y/N)	92573525
1	MW-90DD	W	G	11/19/21	1310				8			X	X						X	X	X						Fastest TAT ael
2	Trip Blank	Lab	Provided						2														X				ael
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Fastest TAT	Mike de Kozlowski / AECOM	11/19/21	1505	MDG Pace HVL	11-19-21	1505	3.3	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mike de Kozlowski

SIGNATURE of SAMPLER: Mike de Kozlowski DATE Signed: 11/19/21

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 01, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92564844

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 05, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

Per client request, the VPH was re-analyzed due to J flagged data. The reanalysis was performed outside of holding time.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92564844

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92564844

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92564844001	**13800_HC_RD_20211005**	Water	10/05/21 09:45	10/05/21 13:20

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92564844

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92564844001	**13800_HC_RD_20211005**	MADEP VPH	BMB, JHH	6	PAN
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	64	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92564844

Sample: 13800_HC_RD_20211005 **Lab ID: 92564844001** Collected: 10/05/21 09:45 Received: 10/05/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEPV	Analytical Method: MADEP VPH Preparation Method: MADEPV Pace National - Mt. Juliet								
Aliphatic (C05-C08)	ND	ug/L	100	33.3	1	10/19/21 18:08	10/19/21 18:08		
Aliphatic (C05-C08)	ND	ug/L	100	33.3	1	10/20/21 19:00	10/20/21 19:00		H3
Aliphatic (C09-C12)	**33.5J**	ug/L	100	33.3	1	10/19/21 18:08	10/19/21 18:08		J
Aliphatic (C09-C12)	ND	ug/L	100	33.3	1	10/20/21 19:00	10/20/21 19:00		H3
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	33.3	1	10/19/21 18:08	10/19/21 18:08	TPHC9C10A	
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	33.3	1	10/20/21 19:00	10/20/21 19:00	TPHC9C10A	H3
Total VPH	**33.5J**	ug/L	100	33.3	1	10/19/21 18:08	10/19/21 18:08	VPH	J
Total VPH	ND	ug/L	100	33.3	1	10/20/21 19:00	10/20/21 19:00	VPH	H3
Surrogates									
2,5-Dibromotoluene (FID)	102	%	70.0-130		1	10/19/21 18:08	10/19/21 18:08	615-59-8FID	
2,5-Dibromotoluene (FID)	104	%	70.0-130		1	10/20/21 19:00	10/20/21 19:00	615-59-8FID	
2,5-Dibromotoluene (PID)	104	%	70.0-130		1	10/19/21 18:08	10/19/21 18:08	615-59-8PID	
2,5-Dibromotoluene (PID)	105	%	70.0-130		1	10/20/21 19:00	10/20/21 19:00	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	10/06/21 10:21	10/07/21 02:41	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		10/06/21 20:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		10/06/21 20:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		10/06/21 20:57	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		10/06/21 20:57	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		10/06/21 20:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		10/06/21 20:57	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		10/06/21 20:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		10/06/21 20:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		10/06/21 20:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		10/06/21 20:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		10/06/21 20:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/21 20:57	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		10/06/21 20:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/06/21 20:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/06/21 20:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/06/21 20:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		10/06/21 20:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		10/06/21 20:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		10/06/21 20:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		10/06/21 20:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/06/21 20:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/06/21 20:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		10/06/21 20:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		10/06/21 20:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		10/06/21 20:57	75-34-3	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92564844

Sample: 13800_HC_RD_20211005 **Lab ID: 92564844001** Collected: 10/05/21 09:45 Received: 10/05/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		10/06/21 20:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		10/06/21 20:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		10/06/21 20:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		10/06/21 20:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		10/06/21 20:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		10/06/21 20:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		10/06/21 20:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		10/06/21 20:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/06/21 20:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/06/21 20:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		10/06/21 20:57	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		10/06/21 20:57	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		10/06/21 20:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/06/21 20:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		10/06/21 20:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		10/06/21 20:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		10/06/21 20:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		10/06/21 20:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		10/06/21 20:57	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		10/06/21 20:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		10/06/21 20:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		10/06/21 20:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		10/06/21 20:57	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		10/06/21 20:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		10/06/21 20:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		10/06/21 20:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		10/06/21 20:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		10/06/21 20:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		10/06/21 20:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/06/21 20:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		10/06/21 20:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		10/06/21 20:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		10/06/21 20:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/06/21 20:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		10/06/21 20:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		10/06/21 20:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		10/06/21 20:57	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		10/06/21 20:57	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		10/06/21 20:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564844

QC Batch: 1759327
QC Batch Method: KS LRH/MADEPV/MTDEQ VPH/VPH
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92564844001

METHOD BLANK: R3718708-3 Matrix: Water
Associated Lab Samples: 92564844001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	33.3	10/19/21 10:56	
Aliphatic (C09-C12)	ug/L	ND	100	33.3	10/19/21 10:56	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	33.3	10/19/21 10:56	
Total VPH	ug/L	ND	100	33.3	10/19/21 10:56	
2,5-Dibromotoluene (FID)	%	89.1	70.0-130		10/19/21 10:56	
2,5-Dibromotoluene (PID)	%	91.2	70.0-130		10/19/21 10:56	

LABORATORY CONTROL SAMPLE & LCSD: R3718708-1 R3718708-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1140	1090	95.0	90.8	70.0-130	4.48	25	
Aliphatic (C09-C12)	ug/L	1400	1430	1380	102	98.6	70.0-130	3.56	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	200	197	100	98.5	70.0-130	1.51	25	
Total VPH	ug/L	2800	2770	2670	98.9	95.4	70.0-130	3.68	25	
2,5-Dibromotoluene (FID)	%				97.6	99.0	70.0-130			
2,5-Dibromotoluene (PID)	%				98.3	100	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3718708-5 R3718708-6

Parameter	Units	L1414817-04 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aliphatic (C05-C08)	ug/L	77.8	1200	1200	1180	1140	91.8	88.5	70.0-130	3.45	25	
Aliphatic (C09-C12)	ug/L	ND	1400	1400	1460	1430	104	102	70.0-130	2.08	25	
Aromatic (C09-C10),Unadjusted	ug/L	50.1	200	200	221	220	85.4	84.9	70.0-130	0.454	25	
Total VPH	ug/L	128	2800	2800	2860	2790	97.6	95.1	70.0-130	2.48	25	
2,5-Dibromotoluene (FID)	%						102	100	70.0-130			
2,5-Dibromotoluene (PID)	%						106	104	70.0-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564844

QC Batch: 1759327
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92564844001

METHOD BLANK: R3718708-3 Matrix: Water
Associated Lab Samples: 92564844001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	33.3	10/19/21 10:56	
Aliphatic (C09-C12)	ug/L	ND	100	33.3	10/19/21 10:56	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	33.3	10/19/21 10:56	
Total VPH	ug/L	ND	100	33.3	10/19/21 10:56	
2,5-Dibromotoluene (FID)	%	89.1	70.0-130		10/19/21 10:56	
2,5-Dibromotoluene (PID)	%	91.2	70.0-130		10/19/21 10:56	

LABORATORY CONTROL SAMPLE & LCSD: R3718708-1 R3718708-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1140	1090	95.0	90.8	70.0-130	4.48	25	
Aliphatic (C09-C12)	ug/L	1400	1430	1380	102	98.6	70.0-130	3.56	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	200	197	100	98.5	70.0-130	1.51	25	
Total VPH	ug/L	2800	2770	2670	98.9	95.4	70.0-130	3.68	25	
2,5-Dibromotoluene (FID)	%				97.6	99.0	70.0-130			
2,5-Dibromotoluene (PID)	%				98.3	100	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3718708-5 R3718708-6

Parameter	Units	L1414817-04 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aliphatic (C05-C08)	ug/L	77.8	1200	1200	1180	1140	91.8	88.5	70.0-130	3.45	25	
Aliphatic (C09-C12)	ug/L	ND	1400	1400	1460	1430	104	102	70.0-130	2.08	25	
Aromatic (C09-C10),Unadjusted	ug/L	50.1	200	200	221	220	85.4	84.9	70.0-130	0.454	25	
Total VPH	ug/L	128	2800	2800	2860	2790	97.6	95.1	70.0-130	2.48	25	
2,5-Dibromotoluene (FID)	%						102	100	70.0-130			
2,5-Dibromotoluene (PID)	%						106	104	70.0-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564844

QC Batch: 1760577
QC Batch Method: KS LRH/MADEPV/MTDEQ VPH/VPH
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92564844001

METHOD BLANK: R3719204-3 Matrix: Water
Associated Lab Samples: 92564844001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	33.3	10/20/21 05:45	
Aliphatic (C09-C12)	ug/L	ND	100	33.3	10/20/21 05:45	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	33.3	10/20/21 05:45	
Total VPH	ug/L	ND	100	33.3	10/20/21 05:45	
2,5-Dibromotoluene (FID)	%	101	70.0-130		10/20/21 05:45	
2,5-Dibromotoluene (PID)	%	100	70.0-130		10/20/21 05:45	

LABORATORY CONTROL SAMPLE & LCSD: R3719204-1 R3719204-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1010	1020	84.2	85.0	70.0-130	0.985	25	
Aliphatic (C09-C12)	ug/L	1400	1290	1290	92.1	92.1	70.0-130	0.00	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	182	181	91.0	90.5	70.0-130	0.551	25	
Total VPH	ug/L	2800	2480	2490	88.6	88.9	70.0-130	0.402	25	
2,5-Dibromotoluene (FID)	%				102	103	70.0-130			
2,5-Dibromotoluene (PID)	%				102	102	70.0-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564844

QC Batch: 651064
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92564844001

METHOD BLANK: 3414370 Matrix: Water
Associated Lab Samples: 92564844001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	10/07/21 01:11	

LABORATORY CONTROL SAMPLE: 3414371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	556	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3414530 3414531

Parameter	Units	92564868001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	383	425	77	85	75-125	10	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564844

QC Batch: 651254
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92564844001

METHOD BLANK: 3415467 Matrix: Water
Associated Lab Samples: 92564844001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	10/06/21 15:17	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	10/06/21 15:17	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	10/06/21 15:17	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	10/06/21 15:17	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	10/06/21 15:17	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	10/06/21 15:17	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	10/06/21 15:17	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	10/06/21 15:17	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	10/06/21 15:17	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	10/06/21 15:17	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	10/06/21 15:17	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	10/06/21 15:17	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	10/06/21 15:17	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	10/06/21 15:17	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	10/06/21 15:17	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	10/06/21 15:17	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	10/06/21 15:17	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	10/06/21 15:17	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	10/06/21 15:17	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	10/06/21 15:17	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	10/06/21 15:17	
2-Chlorotoluene	ug/L	ND	0.50	0.32	10/06/21 15:17	
4-Chlorotoluene	ug/L	ND	0.50	0.32	10/06/21 15:17	
Benzene	ug/L	ND	0.50	0.34	10/06/21 15:17	
Bromobenzene	ug/L	ND	0.50	0.29	10/06/21 15:17	
Bromochloromethane	ug/L	ND	0.50	0.47	10/06/21 15:17	
Bromodichloromethane	ug/L	ND	0.50	0.31	10/06/21 15:17	
Bromoform	ug/L	ND	0.50	0.34	10/06/21 15:17	
Bromomethane	ug/L	ND	5.0	1.7	10/06/21 15:17	
Carbon tetrachloride	ug/L	ND	0.50	0.33	10/06/21 15:17	
Chlorobenzene	ug/L	ND	0.50	0.28	10/06/21 15:17	
Chloroethane	ug/L	ND	1.0	0.65	10/06/21 15:17	
Chloroform	ug/L	ND	0.50	0.35	10/06/21 15:17	
Chloromethane	ug/L	ND	1.0	0.54	10/06/21 15:17	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	10/06/21 15:17	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/06/21 15:17	
Dibromochloromethane	ug/L	ND	0.50	0.36	10/06/21 15:17	
Dibromomethane	ug/L	ND	0.50	0.39	10/06/21 15:17	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	10/06/21 15:17	
Diisopropyl ether	ug/L	ND	0.50	0.31	10/06/21 15:17	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564844

METHOD BLANK: 3415467 Matrix: Water
Associated Lab Samples: 92564844001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	10/06/21 15:17	
Ethylbenzene	ug/L	ND	0.50	0.30	10/06/21 15:17	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/06/21 15:17	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	10/06/21 15:17	
m&p-Xylene	ug/L	ND	1.0	0.71	10/06/21 15:17	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	10/06/21 15:17	
Methylene Chloride	ug/L	ND	2.0	2.0	10/06/21 15:17	
n-Butylbenzene	ug/L	ND	0.50	0.49	10/06/21 15:17	
n-Propylbenzene	ug/L	ND	0.50	0.34	10/06/21 15:17	
Naphthalene	ug/L	ND	2.0	0.64	10/06/21 15:17	
o-Xylene	ug/L	ND	0.50	0.34	10/06/21 15:17	
sec-Butylbenzene	ug/L	ND	0.50	0.40	10/06/21 15:17	
Styrene	ug/L	ND	0.50	0.29	10/06/21 15:17	
tert-Butylbenzene	ug/L	ND	0.50	0.32	10/06/21 15:17	
Tetrachloroethene	ug/L	ND	0.50	0.29	10/06/21 15:17	
Toluene	ug/L	ND	0.50	0.48	10/06/21 15:17	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	10/06/21 15:17	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/06/21 15:17	
Trichloroethene	ug/L	ND	0.50	0.38	10/06/21 15:17	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/06/21 15:17	
Vinyl chloride	ug/L	ND	1.0	0.39	10/06/21 15:17	
1,2-Dichloroethane-d4 (S)	%	96	70-130		10/06/21 15:17	
4-Bromofluorobenzene (S)	%	96	70-130		10/06/21 15:17	
Toluene-d8 (S)	%	98	70-130		10/06/21 15:17	

LABORATORY CONTROL SAMPLE: 3415468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.7	109	60-140	
1,1,1-Trichloroethane	ug/L	50	49.5	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	60-140	
1,1,2-Trichloroethane	ug/L	50	50.4	101	60-140	
1,1-Dichloroethane	ug/L	50	48.1	96	60-140	
1,1-Dichloroethene	ug/L	50	47.3	95	60-140	
1,1-Dichloropropene	ug/L	50	51.8	104	60-140	
1,2,3-Trichlorobenzene	ug/L	50	58.2	116	60-140	
1,2,3-Trichloropropane	ug/L	50	52.6	105	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.3	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.1	106	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.5	107	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.3	105	60-140	
1,2-Dichlorobenzene	ug/L	50	52.3	105	60-140	
1,2-Dichloroethane	ug/L	50	46.9	94	60-140	
1,2-Dichloropropane	ug/L	50	50.8	102	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564844

LABORATORY CONTROL SAMPLE: 3415468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	54.6	109	60-140	
1,3-Dichlorobenzene	ug/L	50	53.5	107	60-140	
1,3-Dichloropropane	ug/L	50	52.5	105	60-140	
1,4-Dichlorobenzene	ug/L	50	52.5	105	60-140	
2,2-Dichloropropane	ug/L	50	48.7	97	60-140	
2-Chlorotoluene	ug/L	50	52.2	104	60-140	
4-Chlorotoluene	ug/L	50	51.1	102	60-140	
Benzene	ug/L	50	50.4	101	60-140	
Bromobenzene	ug/L	50	53.0	106	60-140	
Bromochloromethane	ug/L	50	48.1	96	60-140	
Bromodichloromethane	ug/L	50	50.0	100	60-140	
Bromoform	ug/L	50	54.1	108	60-140	
Bromomethane	ug/L	50	46.6	93	60-140	
Carbon tetrachloride	ug/L	50	53.1	106	60-140	
Chlorobenzene	ug/L	50	51.9	104	60-140	
Chloroethane	ug/L	50	55.4	111	60-140	
Chloroform	ug/L	50	47.9	96	60-140	
Chloromethane	ug/L	50	41.9	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.7	103	60-140	
Dibromochloromethane	ug/L	50	55.0	110	60-140	
Dibromomethane	ug/L	50	50.8	102	60-140	
Dichlorodifluoromethane	ug/L	50	47.2	94	60-140	
Diisopropyl ether	ug/L	50	49.5	99	60-140	
Ethanol	ug/L	2000	1860	93	60-140	
Ethylbenzene	ug/L	50	51.8	104	60-140	
Hexachloro-1,3-butadiene	ug/L	50	55.2	110	60-140	
Isopropylbenzene (Cumene)	ug/L	50	56.1	112	60-140	
m&p-Xylene	ug/L	100	106	106	60-140	
Methyl-tert-butyl ether	ug/L	50	52.0	104	60-140	
Methylene Chloride	ug/L	50	48.8	98	60-140	
n-Butylbenzene	ug/L	50	55.0	110	60-140	
n-Propylbenzene	ug/L	50	52.9	106	60-140	
Naphthalene	ug/L	50	54.5	109	60-140	
o-Xylene	ug/L	50	54.6	109	60-140	
sec-Butylbenzene	ug/L	50	54.3	109	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	45.0	90	60-140	
Tetrachloroethene	ug/L	50	55.0	110	60-140	
Toluene	ug/L	50	47.6	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.1	96	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.9	102	60-140	
Trichloroethene	ug/L	50	47.7	95	60-140	
Trichlorofluoromethane	ug/L	50	44.8	90	60-140	
Vinyl chloride	ug/L	50	44.0	88	60-140	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564844

LABORATORY CONTROL SAMPLE: 3415468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415469 3415470

Parameter	Units	92564595005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	291	244	145	122	60-140	17	30	M1
1,1,1-Trichloroethane	ug/L	ND	200	200	292	237	146	119	60-140	20	30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	262	221	131	111	60-140	17	30	
1,1,2-Trichloroethane	ug/L	ND	200	200	268	221	134	110	60-140	19	30	
1,1-Dichloroethane	ug/L	ND	200	200	272	223	136	111	60-140	20	30	
1,1-Dichloroethene	ug/L	ND	200	200	273	227	137	113	60-140	19	30	
1,1-Dichloropropene	ug/L	ND	200	200	291	244	145	122	60-140	17	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	200	200	297	251	148	126	60-140	17	30	M1
1,2,3-Trichloropropane	ug/L	ND	200	200	251	208	125	104	60-140	19	30	
1,2,4-Trichlorobenzene	ug/L	ND	200	200	274	245	137	123	60-140	11	30	
1,2,4-Trimethylbenzene	ug/L	65.0	200	200	365	317	150	126	60-140	14	30	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	268	233	134	117	60-140	14	30	
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	283	239	142	120	60-140	17	30	M1
1,2-Dichlorobenzene	ug/L	ND	200	200	276	240	138	120	60-140	14	30	
1,2-Dichloroethane	ug/L	61.4	200	200	331	267	135	103	60-140	21	30	
1,2-Dichloropropane	ug/L	ND	200	200	287	231	143	116	60-140	21	30	M1
1,3,5-Trimethylbenzene	ug/L	19.1	200	200	308	270	144	126	60-140	13	30	M1
1,3-Dichlorobenzene	ug/L	ND	200	200	287	254	144	127	60-140	12	30	M1
1,3-Dichloropropane	ug/L	ND	200	200	278	237	139	119	60-140	16	30	
1,4-Dichlorobenzene	ug/L	ND	200	200	277	234	139	117	60-140	17	30	
2,2-Dichloropropane	ug/L	ND	200	200	274	225	137	112	60-140	20	30	
2-Chlorotoluene	ug/L	ND	200	200	294	256	147	128	60-140	14	30	M1
4-Chlorotoluene	ug/L	ND	200	200	273	233	136	117	60-140	16	30	
Benzene	ug/L	136	200	200	425	375	145	120	60-140	13	30	M1
Bromobenzene	ug/L	ND	200	200	289	248	144	124	60-140	15	30	M1
Bromochloromethane	ug/L	ND	200	200	275	219	137	110	60-140	23	30	
Bromodichloromethane	ug/L	ND	200	200	270	225	135	112	60-140	18	30	
Bromoform	ug/L	ND	200	200	263	218	132	109	60-140	19	30	
Bromomethane	ug/L	ND	200	200	250	223	125	111	60-140	12	30	
Carbon tetrachloride	ug/L	ND	200	200	297	245	148	123	60-140	19	30	M1
Chlorobenzene	ug/L	ND	200	200	287	240	143	120	60-140	18	30	M1
Chloroethane	ug/L	ND	200	200	346	277	173	139	60-140	22	30	M1
Chloroform	ug/L	ND	200	200	274	215	137	107	60-140	24	30	
Chloromethane	ug/L	ND	200	200	233	197	116	99	60-140	16	30	
cis-1,2-Dichloroethene	ug/L	ND	200	200	259	213	130	107	60-140	19	30	
cis-1,3-Dichloropropene	ug/L	ND	200	200	264	220	132	110	60-140	18	30	
Dibromochloromethane	ug/L	ND	200	200	282	237	141	119	60-140	17	30	M1
Dibromomethane	ug/L	ND	200	200	282	226	141	113	60-140	22	30	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564844

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415469 3415470

Parameter	Units	92564595005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	200	200	248	217	124	108	60-140	14	30	
Diisopropyl ether	ug/L	432	200	200	730	673	149	121	60-140	8	30	M1
Ethanol	ug/L	ND	8000	8000	9640	8070	120	101	60-140	18	30	
Ethylbenzene	ug/L	52.2	200	200	346	298	147	123	60-140	15	30	M1
Hexachloro-1,3-butadiene	ug/L	ND	200	200	288	251	144	126	60-140	14	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	200	200	310	267	155	133	60-140	15	30	M1
m&p-Xylene	ug/L	189	400	400	788	694	150	126	60-140	13	30	M1
Methyl-tert-butyl ether	ug/L	1540	200	200	1980	1890	217	172	60-140	5	30	M1
Methylene Chloride	ug/L	ND	200	200	273	222	137	111	60-140	21	30	
n-Butylbenzene	ug/L	5.3	200	200	288	258	141	126	60-140	11	30	M1
n-Propylbenzene	ug/L	11.6	200	200	299	256	144	122	60-140	16	30	M1
Naphthalene	ug/L	ND	200	200	290	256	141	124	60-140	12	30	M1
o-Xylene	ug/L	73.6	200	200	371	327	149	127	60-140	13	30	M1
sec-Butylbenzene	ug/L	ND	200	200	299	256	150	128	60-140	16	30	M1
Styrene	ug/L	ND	200	200	291	248	145	124	60-140	16	30	M1
tert-Butylbenzene	ug/L	ND	200	200	250	212	125	106	60-140	16	30	
Tetrachloroethene	ug/L	ND	200	200	299	260	150	130	60-140	14	30	M1
Toluene	ug/L	362	200	200	618	574	128	106	60-140	7	30	
trans-1,2-Dichloroethene	ug/L	ND	200	200	275	228	137	114	60-140	18	30	
trans-1,3-Dichloropropene	ug/L	ND	200	200	257	216	128	108	60-140	17	30	
Trichloroethene	ug/L	ND	200	200	263	220	132	110	60-140	18	30	
Trichlorofluoromethane	ug/L	ND	200	200	243	201	122	100	60-140	19	30	
Vinyl chloride	ug/L	ND	200	200	254	209	127	104	60-140	19	30	
1,2-Dichloroethane-d4 (S)	%						99	98	70-130			
4-Bromofluorobenzene (S)	%						98	99	70-130			
Toluene-d8 (S)	%						94	93	70-130			

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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92564844

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 92564844

[1]

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
J	Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92564844

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92564844001	**13800_HC_RD_20211005**	MADEPV	1759327	MADEP VPH	1759327
92564844001	**13800_HC_RD_20211005**	MADEPV	1760577	MADEP VPH	1760577
92564844001	**13800_HC_RD_20211005**	EPA 3010A	651064	EPA 6010D	651239
92564844001	**13800_HC_RD_20211005**	SM 6200B	651254		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 92564844

92564844

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address: 13900 Huntersville Concord Rd.
Customer Project Name/Number: 2020-11-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Matt Teixeira	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead	
13800_HC_RD	DW	G	10-5-21	0945				8	X	X	X	001
									~~X~~	~~X~~	X	

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N) NA
Custody Signatures Present	(Y) N NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips:	
Sample pH Acceptable	(Y) N NA
pH Strips: 223819AU	
Sulfide Present	Y N (NA)
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

92564844

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: bubble bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2632792

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92100041
Cooler 1 Temp Upon Receipt: 1.6 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 1.6 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Matt Teixeira / Apex	10/05/21 1320	Pace MT	10-5-21 13:20
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 01, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92564847

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 05, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

Per client request, the VPH was re-analyzed due to J flagged data. The reanalysis was performed outside of holding

time. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

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CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92564847

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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(704)875-9092

SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92564847

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92564847001	**DUP-1**	Water	10/05/21 00:00	10/05/21 13:20
92564847002	**FB-1**	Water	10/05/21 00:00	10/05/21 13:20
92564847003	**TRIP BLANK**	Water	10/05/21 00:00	10/05/21 13:20

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92564847

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92564847001	**DUP-1**	MADEP VPH	ADM, BMB, MGF	6	PAN
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	64	PASI-C
92564847002	**FB-1**	MADEP VPH	ADM, BMB, MGF	6	PAN
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	64	PASI-C
92564847003	**TRIP BLANK**	SM 6200B	PM1	64	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92564847

Sample: DUP-1 **Lab ID: 92564847001** Collected: 10/05/21 00:00 Received: 10/05/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEPV	Analytical Method: MADEP VPH Preparation Method: MADEPV Pace National - Mt. Juliet								
Aliphatic (C05-C08)	ND	ug/L	100	33.3	1	10/19/21 17:01	10/19/21 17:01		
Aliphatic (C05-C08)	ND	ug/L	100	33.3	1	10/28/21 04:22	10/28/21 04:22		H1
Aliphatic (C05-C08)	ND	ug/L	100	33.3	1	10/20/21 18:27	10/20/21 18:27		H3
Aliphatic (C09-C12)	ND	ug/L	100	33.3	1	10/28/21 04:22	10/28/21 04:22		H1
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	33.3	1	10/28/21 04:22	10/28/21 04:22	TPHC9C10A	H1
Aliphatic (C09-C12)	ND	ug/L	100	33.3	1	10/19/21 17:01	10/19/21 17:01		
Aliphatic (C09-C12)	ND	ug/L	100	33.3	1	10/20/21 18:27	10/20/21 18:27		H3
Total VPH	ND	ug/L	100	33.3	1	10/28/21 04:22	10/28/21 04:22	VPH	H1
Aromatic (C09-C10),Unadjusted	**41.3J**	ug/L	100	33.3	1	10/19/21 17:01	10/19/21 17:01	TPHC9C10A	J
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	33.3	1	10/20/21 18:27	10/20/21 18:27	TPHC9C10A	H3
Total VPH	**41.3J**	ug/L	100	33.3	1	10/19/21 17:01	10/19/21 17:01	VPH	J
Total VPH	ND	ug/L	100	33.3	1	10/20/21 18:27	10/20/21 18:27	VPH	H3
Surrogates									
2,5-Dibromotoluene (FID)	112	%	70.0-130		1	10/28/21 04:22	10/28/21 04:22	615-59-8FID	
2,5-Dibromotoluene (PID)	108	%	70.0-130		1	10/28/21 04:22	10/28/21 04:22	615-59-8PID	
2,5-Dibromotoluene (FID)	98.2	%	70.0-130		1	10/19/21 17:01	10/19/21 17:01	615-59-8FID	
2,5-Dibromotoluene (FID)	103	%	70.0-130		1	10/20/21 18:27	10/20/21 18:27	615-59-8FID	
2,5-Dibromotoluene (PID)	101	%	70.0-130		1	10/19/21 17:01	10/19/21 17:01	615-59-8PID	
2,5-Dibromotoluene (PID)	105	%	70.0-130		1	10/20/21 18:27	10/20/21 18:27	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	10/06/21 10:21	10/07/21 02:44	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		10/06/21 22:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		10/06/21 22:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		10/06/21 22:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		10/06/21 22:27	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		10/06/21 22:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		10/06/21 22:27	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		10/06/21 22:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		10/06/21 22:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		10/06/21 22:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		10/06/21 22:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		10/06/21 22:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/21 22:27	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		10/06/21 22:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/06/21 22:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/06/21 22:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/06/21 22:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		10/06/21 22:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		10/06/21 22:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		10/06/21 22:27	106-93-4	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92564847

Sample: DUP-1 **Lab ID: 92564847001** Collected: 10/05/21 00:00 Received: 10/05/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Dibromomethane	ND	ug/L	0.50	0.39	1		10/06/21 22:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/06/21 22:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/06/21 22:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		10/06/21 22:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		10/06/21 22:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		10/06/21 22:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		10/06/21 22:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		10/06/21 22:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		10/06/21 22:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		10/06/21 22:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		10/06/21 22:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		10/06/21 22:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		10/06/21 22:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		10/06/21 22:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/06/21 22:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/06/21 22:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		10/06/21 22:27	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		10/06/21 22:27	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		10/06/21 22:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/06/21 22:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		10/06/21 22:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		10/06/21 22:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		10/06/21 22:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		10/06/21 22:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		10/06/21 22:27	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		10/06/21 22:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		10/06/21 22:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		10/06/21 22:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		10/06/21 22:27	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		10/06/21 22:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		10/06/21 22:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		10/06/21 22:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		10/06/21 22:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		10/06/21 22:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		10/06/21 22:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/06/21 22:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		10/06/21 22:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		10/06/21 22:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		10/06/21 22:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/06/21 22:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		10/06/21 22:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		10/06/21 22:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		10/06/21 22:27	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		10/06/21 22:27	460-00-4	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92564847

Sample: DUP-1 **Lab ID: 92564847001** Collected: 10/05/21 00:00 Received: 10/05/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		10/06/21 22:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92564847

Sample: FB-1 **Lab ID: 92564847002** Collected: 10/05/21 00:00 Received: 10/05/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
MADEPV	Analytical Method: MADEP VPH Preparation Method: MADEPV Pace National - Mt. Juliet								
Aliphatic (C05-C08)	ND	ug/L	100	33.3	1	10/19/21 17:35	10/19/21 17:35		
Aliphatic (C05-C08)	ND	ug/L	100	33.3	1	10/28/21 04:55	10/28/21 04:55		H1
Aliphatic (C09-C12)	ND	ug/L	100	33.3	1	10/28/21 04:55	10/28/21 04:55		H1
Aliphatic (C05-C08)	ND	ug/L	100	33.3	1	10/20/21 17:54	10/20/21 17:54		H3
Aliphatic (C09-C12)	ND	ug/L	100	33.3	1	10/19/21 17:35	10/19/21 17:35		J
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	33.3	1	10/28/21 04:55	10/28/21 04:55	TPHC9C10A	H1
Total VPH	ND	ug/L	100	33.3	1	10/28/21 04:55	10/28/21 04:55	VPH	H1
Aliphatic (C09-C12)	**38.4J**	ug/L	100	33.3	1	10/20/21 17:54	10/20/21 17:54		H3,J
Aromatic (C09-C10),Unadjusted	**37.1J**	ug/L	100	33.3	1	10/19/21 17:35	10/19/21 17:35	TPHC9C10A	J
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	33.3	1	10/20/21 17:54	10/20/21 17:54	TPHC9C10A	H3
Total VPH	**37.1J**	ug/L	100	33.3	1	10/19/21 17:35	10/19/21 17:35	VPH	J
Total VPH	**38.4J**	ug/L	100	33.3	1	10/20/21 17:54	10/20/21 17:54	VPH	H3,J
Surrogates									
2,5-Dibromotoluene (FID)	108	%	70.0-130		1	10/28/21 04:55	10/28/21 04:55	615-59-8FID	
2,5-Dibromotoluene (PID)	105	%	70.0-130		1	10/28/21 04:55	10/28/21 04:55	615-59-8PID	
2,5-Dibromotoluene (FID)	98.4	%	70.0-130		1	10/19/21 17:35	10/19/21 17:35	615-59-8FID	
2,5-Dibromotoluene (FID)	103	%	70.0-130		1	10/20/21 17:54	10/20/21 17:54	615-59-8FID	
2,5-Dibromotoluene (PID)	101	%	70.0-130		1	10/19/21 17:35	10/19/21 17:35	615-59-8PID	
2,5-Dibromotoluene (PID)	104	%	70.0-130		1	10/20/21 17:54	10/20/21 17:54	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	10/06/21 10:21	10/07/21 17:50	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		10/06/21 19:46	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		10/06/21 19:46	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		10/06/21 19:46	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		10/06/21 19:46	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		10/06/21 19:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		10/06/21 19:46	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		10/06/21 19:46	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		10/06/21 19:46	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		10/06/21 19:46	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		10/06/21 19:46	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		10/06/21 19:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/21 19:46	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		10/06/21 19:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/06/21 19:46	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/06/21 19:46	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/06/21 19:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		10/06/21 19:46	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		10/06/21 19:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		10/06/21 19:46	106-93-4	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92564847

Sample: FB-1 **Lab ID: 92564847002** Collected: 10/05/21 00:00 Received: 10/05/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Dibromomethane	ND	ug/L	0.50	0.39	1		10/06/21 19:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/06/21 19:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/06/21 19:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		10/06/21 19:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		10/06/21 19:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		10/06/21 19:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		10/06/21 19:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		10/06/21 19:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		10/06/21 19:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		10/06/21 19:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		10/06/21 19:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		10/06/21 19:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		10/06/21 19:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		10/06/21 19:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/06/21 19:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/06/21 19:46	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		10/06/21 19:46	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		10/06/21 19:46	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		10/06/21 19:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/06/21 19:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		10/06/21 19:46	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		10/06/21 19:46	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		10/06/21 19:46	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		10/06/21 19:46	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		10/06/21 19:46	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		10/06/21 19:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		10/06/21 19:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		10/06/21 19:46	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		10/06/21 19:46	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		10/06/21 19:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		10/06/21 19:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		10/06/21 19:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		10/06/21 19:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		10/06/21 19:46	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		10/06/21 19:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/06/21 19:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		10/06/21 19:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		10/06/21 19:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		10/06/21 19:46	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/06/21 19:46	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		10/06/21 19:46	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		10/06/21 19:46	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		10/06/21 19:46	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		10/06/21 19:46	460-00-4	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92564847

Sample: FB-1 **Lab ID: 92564847002** Collected: 10/05/21 00:00 Received: 10/05/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		10/06/21 19:46	2037-26-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92564847

Sample: TRIP BLANK **Lab ID: 92564847003** Collected: 10/05/21 00:00 Received: 10/05/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		10/06/21 19:10	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		10/06/21 19:10	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		10/06/21 19:10	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		10/06/21 19:10	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		10/06/21 19:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		10/06/21 19:10	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		10/06/21 19:10	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		10/06/21 19:10	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		10/06/21 19:10	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		10/06/21 19:10	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		10/06/21 19:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/21 19:10	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		10/06/21 19:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/06/21 19:10	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/06/21 19:10	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/06/21 19:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		10/06/21 19:10	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		10/06/21 19:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		10/06/21 19:10	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		10/06/21 19:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/06/21 19:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/06/21 19:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		10/06/21 19:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		10/06/21 19:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		10/06/21 19:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		10/06/21 19:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		10/06/21 19:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		10/06/21 19:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		10/06/21 19:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		10/06/21 19:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		10/06/21 19:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		10/06/21 19:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		10/06/21 19:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/06/21 19:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/06/21 19:10	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		10/06/21 19:10	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		10/06/21 19:10	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		10/06/21 19:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/06/21 19:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		10/06/21 19:10	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		10/06/21 19:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		10/06/21 19:10	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		10/06/21 19:10	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		10/06/21 19:10	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		10/06/21 19:10	100-42-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92564847

Sample: TRIP BLANK **Lab ID: 92564847003** Collected: 10/05/21 00:00 Received: 10/05/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		10/06/21 19:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		10/06/21 19:10	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		10/06/21 19:10	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		10/06/21 19:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		10/06/21 19:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		10/06/21 19:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		10/06/21 19:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		10/06/21 19:10	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		10/06/21 19:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/06/21 19:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		10/06/21 19:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		10/06/21 19:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		10/06/21 19:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/06/21 19:10	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		10/06/21 19:10	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		10/06/21 19:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/06/21 19:10	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		10/06/21 19:10	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		10/06/21 19:10	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564847

QC Batch: 1759327
QC Batch Method: KS LRH/MADEPV/MTDEQ VPH/VPH
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92564847001, 92564847002

METHOD BLANK: R3718708-3 Matrix: Water
Associated Lab Samples: 92564847001, 92564847002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	33.3	10/19/21 10:56	
Aliphatic (C09-C12)	ug/L	ND	100	33.3	10/19/21 10:56	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	33.3	10/19/21 10:56	
Total VPH	ug/L	ND	100	33.3	10/19/21 10:56	
2,5-Dibromotoluene (FID)	%	89.1	70.0-130		10/19/21 10:56	
2,5-Dibromotoluene (PID)	%	91.2	70.0-130		10/19/21 10:56	

LABORATORY CONTROL SAMPLE & LCSD: R3718708-1 R3718708-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1140	1090	95.0	90.8	70.0-130	4.48	25	
Aliphatic (C09-C12)	ug/L	1400	1430	1380	102	98.6	70.0-130	3.56	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	200	197	100	98.5	70.0-130	1.51	25	
Total VPH	ug/L	2800	2770	2670	98.9	95.4	70.0-130	3.68	25	
2,5-Dibromotoluene (FID)	%				97.6	99.0	70.0-130			
2,5-Dibromotoluene (PID)	%				98.3	100	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3718708-5 R3718708-6

Parameter	Units	L1414817-04 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aliphatic (C05-C08)	ug/L	77.8	1200	1200	1180	1140	91.8	88.5	70.0-130	3.45	25	
Aliphatic (C09-C12)	ug/L	ND	1400	1400	1460	1430	104	102	70.0-130	2.08	25	
Aromatic (C09-C10),Unadjusted	ug/L	50.1	200	200	221	220	85.4	84.9	70.0-130	0.454	25	
Total VPH	ug/L	128	2800	2800	2860	2790	97.6	95.1	70.0-130	2.48	25	
2,5-Dibromotoluene (FID)	%						102	100	70.0-130			
2,5-Dibromotoluene (PID)	%						106	104	70.0-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564847

QC Batch: 1759327
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92564847001, 92564847002

METHOD BLANK: R3718708-3 Matrix: Water
Associated Lab Samples: 92564847001, 92564847002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	33.3	10/19/21 10:56	
Aliphatic (C09-C12)	ug/L	ND	100	33.3	10/19/21 10:56	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	33.3	10/19/21 10:56	
Total VPH	ug/L	ND	100	33.3	10/19/21 10:56	
2,5-Dibromotoluene (FID)	%	89.1	70.0-130		10/19/21 10:56	
2,5-Dibromotoluene (PID)	%	91.2	70.0-130		10/19/21 10:56	

LABORATORY CONTROL SAMPLE & LCSD: R3718708-1 R3718708-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1140	1090	95.0	90.8	70.0-130	4.48	25	
Aliphatic (C09-C12)	ug/L	1400	1430	1380	102	98.6	70.0-130	3.56	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	200	197	100	98.5	70.0-130	1.51	25	
Total VPH	ug/L	2800	2770	2670	98.9	95.4	70.0-130	3.68	25	
2,5-Dibromotoluene (FID)	%				97.6	99.0	70.0-130			
2,5-Dibromotoluene (PID)	%				98.3	100	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3718708-5 R3718708-6

Parameter	Units	L1414817-04 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aliphatic (C05-C08)	ug/L	77.8	1200	1200	1180	1140	91.8	88.5	70.0-130	3.45	25	
Aliphatic (C09-C12)	ug/L	ND	1400	1400	1460	1430	104	102	70.0-130	2.08	25	
Aromatic (C09-C10),Unadjusted	ug/L	50.1	200	200	221	220	85.4	84.9	70.0-130	0.454	25	
Total VPH	ug/L	128	2800	2800	2860	2790	97.6	95.1	70.0-130	2.48	25	
2,5-Dibromotoluene (FID)	%						102	100	70.0-130			
2,5-Dibromotoluene (PID)	%						106	104	70.0-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564847

QC Batch: 1760577
QC Batch Method: KS LRH/MADEPV/MTDEQ VPH/VPH
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92564847001, 92564847002

METHOD BLANK: R3719204-3 Matrix: Water
Associated Lab Samples: 92564847001, 92564847002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	33.3	10/20/21 05:45	
Aliphatic (C09-C12)	ug/L	ND	100	33.3	10/20/21 05:45	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	33.3	10/20/21 05:45	
Total VPH	ug/L	ND	100	33.3	10/20/21 05:45	
2,5-Dibromotoluene (FID)	%	101	70.0-130		10/20/21 05:45	
2,5-Dibromotoluene (PID)	%	100	70.0-130		10/20/21 05:45	

LABORATORY CONTROL SAMPLE & LCSD: R3719204-1 R3719204-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1010	1020	84.2	85.0	70.0-130	0.985	25	
Aliphatic (C09-C12)	ug/L	1400	1290	1290	92.1	92.1	70.0-130	0.00	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	182	181	91.0	90.5	70.0-130	0.551	25	
Total VPH	ug/L	2800	2480	2490	88.6	88.9	70.0-130	0.402	25	
2,5-Dibromotoluene (FID)	%				102	103	70.0-130			
2,5-Dibromotoluene (PID)	%				102	102	70.0-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564847

QC Batch: 1762037
QC Batch Method: KS LRH/MADEPV/MTDEQ VPH/VPH
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92564847001, 92564847002

METHOD BLANK: R3722661-3 Matrix: Water
Associated Lab Samples: 92564847001, 92564847002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	33.3	10/28/21 01:36	
Aliphatic (C09-C12)	ug/L	ND	100	33.3	10/28/21 01:36	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	33.3	10/28/21 01:36	
Total VPH	ug/L	ND	100	33.3	10/28/21 01:36	
2,5-Dibromotoluene (FID)	%	113	70.0-130		10/28/21 01:36	
2,5-Dibromotoluene (PID)	%	106	70.0-130		10/28/21 01:36	

LABORATORY CONTROL SAMPLE & LCSD: R3722661-1 R3722661-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1240	1240	103	103	70.0-130	0.00	25	
Aliphatic (C09-C12)	ug/L	1400	1400	1370	100	97.9	70.0-130	2.17	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	184	182	92.0	91.0	70.0-130	1.09	25	
Total VPH	ug/L	2800	2820	2790	101	99.6	70.0-130	1.07	25	
2,5-Dibromotoluene (FID)	%				113	116	70.0-130			
2,5-Dibromotoluene (PID)	%				105	106	70.0-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564847

QC Batch: 651064
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92564847001, 92564847002

METHOD BLANK: 3414370 Matrix: Water
Associated Lab Samples: 92564847001, 92564847002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	10/07/21 01:11	

LABORATORY CONTROL SAMPLE: 3414371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	556	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3414530 3414531

Parameter	Units	92564868001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	383	425	77	85	75-125	10	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564847

QC Batch: 651254
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92564847001, 92564847002, 92564847003

METHOD BLANK: 3415467 Matrix: Water
Associated Lab Samples: 92564847001, 92564847002, 92564847003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	10/06/21 15:17	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	10/06/21 15:17	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	10/06/21 15:17	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	10/06/21 15:17	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	10/06/21 15:17	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	10/06/21 15:17	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	10/06/21 15:17	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	10/06/21 15:17	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	10/06/21 15:17	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	10/06/21 15:17	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	10/06/21 15:17	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	10/06/21 15:17	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	10/06/21 15:17	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	10/06/21 15:17	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	10/06/21 15:17	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	10/06/21 15:17	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	10/06/21 15:17	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	10/06/21 15:17	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	10/06/21 15:17	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	10/06/21 15:17	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	10/06/21 15:17	
2-Chlorotoluene	ug/L	ND	0.50	0.32	10/06/21 15:17	
4-Chlorotoluene	ug/L	ND	0.50	0.32	10/06/21 15:17	
Benzene	ug/L	ND	0.50	0.34	10/06/21 15:17	
Bromobenzene	ug/L	ND	0.50	0.29	10/06/21 15:17	
Bromochloromethane	ug/L	ND	0.50	0.47	10/06/21 15:17	
Bromodichloromethane	ug/L	ND	0.50	0.31	10/06/21 15:17	
Bromoform	ug/L	ND	0.50	0.34	10/06/21 15:17	
Bromomethane	ug/L	ND	5.0	1.7	10/06/21 15:17	
Carbon tetrachloride	ug/L	ND	0.50	0.33	10/06/21 15:17	
Chlorobenzene	ug/L	ND	0.50	0.28	10/06/21 15:17	
Chloroethane	ug/L	ND	1.0	0.65	10/06/21 15:17	
Chloroform	ug/L	ND	0.50	0.35	10/06/21 15:17	
Chloromethane	ug/L	ND	1.0	0.54	10/06/21 15:17	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	10/06/21 15:17	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/06/21 15:17	
Dibromochloromethane	ug/L	ND	0.50	0.36	10/06/21 15:17	
Dibromomethane	ug/L	ND	0.50	0.39	10/06/21 15:17	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	10/06/21 15:17	
Diisopropyl ether	ug/L	ND	0.50	0.31	10/06/21 15:17	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564847

METHOD BLANK: 3415467 Matrix: Water
Associated Lab Samples: 92564847001, 92564847002, 92564847003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	10/06/21 15:17	
Ethylbenzene	ug/L	ND	0.50	0.30	10/06/21 15:17	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/06/21 15:17	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	10/06/21 15:17	
m&p-Xylene	ug/L	ND	1.0	0.71	10/06/21 15:17	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	10/06/21 15:17	
Methylene Chloride	ug/L	ND	2.0	2.0	10/06/21 15:17	
n-Butylbenzene	ug/L	ND	0.50	0.49	10/06/21 15:17	
n-Propylbenzene	ug/L	ND	0.50	0.34	10/06/21 15:17	
Naphthalene	ug/L	ND	2.0	0.64	10/06/21 15:17	
o-Xylene	ug/L	ND	0.50	0.34	10/06/21 15:17	
sec-Butylbenzene	ug/L	ND	0.50	0.40	10/06/21 15:17	
Styrene	ug/L	ND	0.50	0.29	10/06/21 15:17	
tert-Butylbenzene	ug/L	ND	0.50	0.32	10/06/21 15:17	
Tetrachloroethene	ug/L	ND	0.50	0.29	10/06/21 15:17	
Toluene	ug/L	ND	0.50	0.48	10/06/21 15:17	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	10/06/21 15:17	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/06/21 15:17	
Trichloroethene	ug/L	ND	0.50	0.38	10/06/21 15:17	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/06/21 15:17	
Vinyl chloride	ug/L	ND	1.0	0.39	10/06/21 15:17	
1,2-Dichloroethane-d4 (S)	%	96	70-130		10/06/21 15:17	
4-Bromofluorobenzene (S)	%	96	70-130		10/06/21 15:17	
Toluene-d8 (S)	%	98	70-130		10/06/21 15:17	

LABORATORY CONTROL SAMPLE: 3415468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.7	109	60-140	
1,1,1-Trichloroethane	ug/L	50	49.5	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	60-140	
1,1,2-Trichloroethane	ug/L	50	50.4	101	60-140	
1,1-Dichloroethane	ug/L	50	48.1	96	60-140	
1,1-Dichloroethene	ug/L	50	47.3	95	60-140	
1,1-Dichloropropene	ug/L	50	51.8	104	60-140	
1,2,3-Trichlorobenzene	ug/L	50	58.2	116	60-140	
1,2,3-Trichloropropane	ug/L	50	52.6	105	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.3	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.1	106	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.5	107	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.3	105	60-140	
1,2-Dichlorobenzene	ug/L	50	52.3	105	60-140	
1,2-Dichloroethane	ug/L	50	46.9	94	60-140	
1,2-Dichloropropane	ug/L	50	50.8	102	60-140	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564847

LABORATORY CONTROL SAMPLE: 3415468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	54.6	109	60-140	
1,3-Dichlorobenzene	ug/L	50	53.5	107	60-140	
1,3-Dichloropropane	ug/L	50	52.5	105	60-140	
1,4-Dichlorobenzene	ug/L	50	52.5	105	60-140	
2,2-Dichloropropane	ug/L	50	48.7	97	60-140	
2-Chlorotoluene	ug/L	50	52.2	104	60-140	
4-Chlorotoluene	ug/L	50	51.1	102	60-140	
Benzene	ug/L	50	50.4	101	60-140	
Bromobenzene	ug/L	50	53.0	106	60-140	
Bromochloromethane	ug/L	50	48.1	96	60-140	
Bromodichloromethane	ug/L	50	50.0	100	60-140	
Bromoform	ug/L	50	54.1	108	60-140	
Bromomethane	ug/L	50	46.6	93	60-140	
Carbon tetrachloride	ug/L	50	53.1	106	60-140	
Chlorobenzene	ug/L	50	51.9	104	60-140	
Chloroethane	ug/L	50	55.4	111	60-140	
Chloroform	ug/L	50	47.9	96	60-140	
Chloromethane	ug/L	50	41.9	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.7	103	60-140	
Dibromochloromethane	ug/L	50	55.0	110	60-140	
Dibromomethane	ug/L	50	50.8	102	60-140	
Dichlorodifluoromethane	ug/L	50	47.2	94	60-140	
Diisopropyl ether	ug/L	50	49.5	99	60-140	
Ethanol	ug/L	2000	1860	93	60-140	
Ethylbenzene	ug/L	50	51.8	104	60-140	
Hexachloro-1,3-butadiene	ug/L	50	55.2	110	60-140	
Isopropylbenzene (Cumene)	ug/L	50	56.1	112	60-140	
m&p-Xylene	ug/L	100	106	106	60-140	
Methyl-tert-butyl ether	ug/L	50	52.0	104	60-140	
Methylene Chloride	ug/L	50	48.8	98	60-140	
n-Butylbenzene	ug/L	50	55.0	110	60-140	
n-Propylbenzene	ug/L	50	52.9	106	60-140	
Naphthalene	ug/L	50	54.5	109	60-140	
o-Xylene	ug/L	50	54.6	109	60-140	
sec-Butylbenzene	ug/L	50	54.3	109	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	45.0	90	60-140	
Tetrachloroethene	ug/L	50	55.0	110	60-140	
Toluene	ug/L	50	47.6	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.1	96	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.9	102	60-140	
Trichloroethene	ug/L	50	47.7	95	60-140	
Trichlorofluoromethane	ug/L	50	44.8	90	60-140	
Vinyl chloride	ug/L	50	44.0	88	60-140	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564847

LABORATORY CONTROL SAMPLE: 3415468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415469 3415470

Parameter	Units	92564595005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	291	244	145	122	60-140	17	30	M1
1,1,1-Trichloroethane	ug/L	ND	200	200	292	237	146	119	60-140	20	30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	262	221	131	111	60-140	17	30	
1,1,2-Trichloroethane	ug/L	ND	200	200	268	221	134	110	60-140	19	30	
1,1-Dichloroethane	ug/L	ND	200	200	272	223	136	111	60-140	20	30	
1,1-Dichloroethene	ug/L	ND	200	200	273	227	137	113	60-140	19	30	
1,1-Dichloropropene	ug/L	ND	200	200	291	244	145	122	60-140	17	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	200	200	297	251	148	126	60-140	17	30	M1
1,2,3-Trichloropropane	ug/L	ND	200	200	251	208	125	104	60-140	19	30	
1,2,4-Trichlorobenzene	ug/L	ND	200	200	274	245	137	123	60-140	11	30	
1,2,4-Trimethylbenzene	ug/L	65.0	200	200	365	317	150	126	60-140	14	30	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	268	233	134	117	60-140	14	30	
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	283	239	142	120	60-140	17	30	M1
1,2-Dichlorobenzene	ug/L	ND	200	200	276	240	138	120	60-140	14	30	
1,2-Dichloroethane	ug/L	61.4	200	200	331	267	135	103	60-140	21	30	
1,2-Dichloropropane	ug/L	ND	200	200	287	231	143	116	60-140	21	30	M1
1,3,5-Trimethylbenzene	ug/L	19.1	200	200	308	270	144	126	60-140	13	30	M1
1,3-Dichlorobenzene	ug/L	ND	200	200	287	254	144	127	60-140	12	30	M1
1,3-Dichloropropane	ug/L	ND	200	200	278	237	139	119	60-140	16	30	
1,4-Dichlorobenzene	ug/L	ND	200	200	277	234	139	117	60-140	17	30	
2,2-Dichloropropane	ug/L	ND	200	200	274	225	137	112	60-140	20	30	
2-Chlorotoluene	ug/L	ND	200	200	294	256	147	128	60-140	14	30	M1
4-Chlorotoluene	ug/L	ND	200	200	273	233	136	117	60-140	16	30	
Benzene	ug/L	136	200	200	425	375	145	120	60-140	13	30	M1
Bromobenzene	ug/L	ND	200	200	289	248	144	124	60-140	15	30	M1
Bromochloromethane	ug/L	ND	200	200	275	219	137	110	60-140	23	30	
Bromodichloromethane	ug/L	ND	200	200	270	225	135	112	60-140	18	30	
Bromoform	ug/L	ND	200	200	263	218	132	109	60-140	19	30	
Bromomethane	ug/L	ND	200	200	250	223	125	111	60-140	12	30	
Carbon tetrachloride	ug/L	ND	200	200	297	245	148	123	60-140	19	30	M1
Chlorobenzene	ug/L	ND	200	200	287	240	143	120	60-140	18	30	M1
Chloroethane	ug/L	ND	200	200	346	277	173	139	60-140	22	30	M1
Chloroform	ug/L	ND	200	200	274	215	137	107	60-140	24	30	
Chloromethane	ug/L	ND	200	200	233	197	116	99	60-140	16	30	
cis-1,2-Dichloroethene	ug/L	ND	200	200	259	213	130	107	60-140	19	30	
cis-1,3-Dichloropropene	ug/L	ND	200	200	264	220	132	110	60-140	18	30	
Dibromochloromethane	ug/L	ND	200	200	282	237	141	119	60-140	17	30	M1
Dibromomethane	ug/L	ND	200	200	282	226	141	113	60-140	22	30	M1

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92564847

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415469 3415470

Parameter	Units	92564595005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	200	200	248	217	124	108	60-140	14	30	
Diisopropyl ether	ug/L	432	200	200	730	673	149	121	60-140	8	30	M1
Ethanol	ug/L	ND	8000	8000	9640	8070	120	101	60-140	18	30	
Ethylbenzene	ug/L	52.2	200	200	346	298	147	123	60-140	15	30	M1
Hexachloro-1,3-butadiene	ug/L	ND	200	200	288	251	144	126	60-140	14	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	200	200	310	267	155	133	60-140	15	30	M1
m&p-Xylene	ug/L	189	400	400	788	694	150	126	60-140	13	30	M1
Methyl-tert-butyl ether	ug/L	1540	200	200	1980	1890	217	172	60-140	5	30	M1
Methylene Chloride	ug/L	ND	200	200	273	222	137	111	60-140	21	30	
n-Butylbenzene	ug/L	5.3	200	200	288	258	141	126	60-140	11	30	M1
n-Propylbenzene	ug/L	11.6	200	200	299	256	144	122	60-140	16	30	M1
Naphthalene	ug/L	ND	200	200	290	256	141	124	60-140	12	30	M1
o-Xylene	ug/L	73.6	200	200	371	327	149	127	60-140	13	30	M1
sec-Butylbenzene	ug/L	ND	200	200	299	256	150	128	60-140	16	30	M1
Styrene	ug/L	ND	200	200	291	248	145	124	60-140	16	30	M1
tert-Butylbenzene	ug/L	ND	200	200	250	212	125	106	60-140	16	30	
Tetrachloroethene	ug/L	ND	200	200	299	260	150	130	60-140	14	30	M1
Toluene	ug/L	362	200	200	618	574	128	106	60-140	7	30	
trans-1,2-Dichloroethene	ug/L	ND	200	200	275	228	137	114	60-140	18	30	
trans-1,3-Dichloropropene	ug/L	ND	200	200	257	216	128	108	60-140	17	30	
Trichloroethene	ug/L	ND	200	200	263	220	132	110	60-140	18	30	
Trichlorofluoromethane	ug/L	ND	200	200	243	201	122	100	60-140	19	30	
Vinyl chloride	ug/L	ND	200	200	254	209	127	104	60-140	19	30	
1,2-Dichloroethane-d4 (S)	%						99	98	70-130			
4-Bromofluorobenzene (S)	%						98	99	70-130			
Toluene-d8 (S)	%						94	93	70-130			

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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92564847

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 92564847

[1]

ANALYTE QUALIFIERS

H1	Analysis conducted outside the recognized method holding time.
H3	Sample was received or analysis requested beyond the recognized method holding time.
J	Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92564847

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92564847001	**DUP-1**	MADEPV	1759327	MADEP VPH	1759327
92564847001	**DUP-1**	MADEPV	1760577	MADEP VPH	1760577
92564847001	**DUP-1**	MADEPV	1762037	MADEP VPH	1762037
92564847002	**FB-1**	MADEPV	1759327	MADEP VPH	1759327
92564847002	**FB-1**	MADEPV	1760577	MADEP VPH	1760577
92564847002	**FB-1**	MADEPV	1762037	MADEP VPH	1762037
92564847001	**DUP-1**	EPA 3010A	651064	EPA 6010D	651239
92564847002	**FB-1**	EPA 3010A	651064	EPA 6010D	651239
92564847001	**DUP-1**	SM 6200B	651254		
92564847002	**FB-1**	SM 6200B	651254		
92564847003	**TRIP BLANK**	SM 6200B	651254		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 92564847

92564847

Company: APEX Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Matt Teixeira	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	VPH MADEP	Lead	Lab Sample # / Comments
												92564847
DUP-1	DW	G	10/5/21	—				8	X	X	X	001
FB-1	OT	G	10-5-21	—				8	X	X	X	002
Trip Blank	OT	—	10-5-21	—				2	X			003

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips: 223519AV	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: bubble bags

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2632791

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92106641
Cooler 1 Temp Upon Receipt: 1.6 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 1.6 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Matt Teixeira / APEX	10-5-21 / 1320	Pace MS	10-5-21 13:20
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCl MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 04, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92568782

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 26, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92568782

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92568782

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92568782001	**14226_HC_RD**	Water	10/26/21 11:00	10/26/21 11:50

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92568782

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92568782001	**14226_HC_RD**	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568782

Sample: 14226_HC_RD **Lab ID: 92568782001** Collected: 10/26/21 11:00 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		10/26/21 17:56		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		10/26/21 17:56		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		10/26/21 17:56		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		10/26/21 17:56		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		10/26/21 17:56	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		10/26/21 17:56	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	10/28/21 10:05	11/02/21 17:06	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		10/27/21 02:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		10/27/21 02:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		10/27/21 02:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		10/27/21 02:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		10/27/21 02:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		10/27/21 02:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		10/27/21 02:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		10/27/21 02:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		10/27/21 02:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		10/27/21 02:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		10/27/21 02:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/27/21 02:37	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		10/27/21 02:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/27/21 02:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 02:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 02:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		10/27/21 02:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		10/27/21 02:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		10/27/21 02:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		10/27/21 02:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 02:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 02:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		10/27/21 02:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		10/27/21 02:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		10/27/21 02:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 02:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		10/27/21 02:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 02:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		10/27/21 02:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		10/27/21 02:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		10/27/21 02:37	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568782

Sample: 14226_HC_RD **Lab ID: 92568782001** Collected: 10/26/21 11:00 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		10/27/21 02:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		10/27/21 02:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 02:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 02:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		10/27/21 02:37	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		10/27/21 02:37	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		10/27/21 02:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/27/21 02:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		10/27/21 02:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		10/27/21 02:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		10/27/21 02:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		10/27/21 02:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		10/27/21 02:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		10/27/21 02:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		10/27/21 02:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		10/27/21 02:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		10/27/21 02:37	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		10/27/21 02:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		10/27/21 02:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		10/27/21 02:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		10/27/21 02:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 02:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 02:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/27/21 02:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		10/27/21 02:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		10/27/21 02:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		10/27/21 02:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/27/21 02:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		10/27/21 02:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		10/27/21 02:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		10/27/21 02:37	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		10/27/21 02:37	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		10/27/21 02:37	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568782

QC Batch: 655268
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92568782001

METHOD BLANK: 3435609 Matrix: Water
Associated Lab Samples: 92568782001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	10/26/21 16:03	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	10/26/21 16:03	N2
4-Bromofluorobenzene (FID) (S)	%	97	70-130		10/26/21 16:03	
4-Bromofluorobenzene (PID) (S)	%	99	70-130		10/26/21 16:03	

LABORATORY CONTROL SAMPLE & LCSD: 3435610 3435611

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	290	286	97	95	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	110	110	110	110	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	97	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568782

QC Batch: 655829
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92568782001

METHOD BLANK: 3438155 Matrix: Water
Associated Lab Samples: 92568782001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/02/21 17:00	

LABORATORY CONTROL SAMPLE: 3438156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	497	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3438157 3438158

Parameter	Units	92568782001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	487	496	97	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568782

QC Batch: 655384
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92568782001

METHOD BLANK: 3436351 Matrix: Water
Associated Lab Samples: 92568782001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	10/27/21 00:49	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	10/27/21 00:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	10/27/21 00:49	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	10/27/21 00:49	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	10/27/21 00:49	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	10/27/21 00:49	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	10/27/21 00:49	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	10/27/21 00:49	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	10/27/21 00:49	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	10/27/21 00:49	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	10/27/21 00:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	10/27/21 00:49	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	10/27/21 00:49	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	10/27/21 00:49	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	10/27/21 00:49	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	10/27/21 00:49	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	10/27/21 00:49	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	10/27/21 00:49	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	10/27/21 00:49	
2-Chlorotoluene	ug/L	ND	0.50	0.32	10/27/21 00:49	
4-Chlorotoluene	ug/L	ND	0.50	0.32	10/27/21 00:49	
Benzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
Bromobenzene	ug/L	ND	0.50	0.29	10/27/21 00:49	
Bromochloromethane	ug/L	ND	0.50	0.47	10/27/21 00:49	
Bromodichloromethane	ug/L	ND	0.50	0.31	10/27/21 00:49	
Bromoform	ug/L	ND	0.50	0.34	10/27/21 00:49	
Bromomethane	ug/L	ND	5.0	1.7	10/27/21 00:49	
Carbon tetrachloride	ug/L	ND	0.50	0.33	10/27/21 00:49	
Chlorobenzene	ug/L	ND	0.50	0.28	10/27/21 00:49	
Chloroethane	ug/L	ND	1.0	0.65	10/27/21 00:49	
Chloroform	ug/L	ND	0.50	0.35	10/27/21 00:49	
Chloromethane	ug/L	ND	1.0	0.54	10/27/21 00:49	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	10/27/21 00:49	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/27/21 00:49	
Dibromochloromethane	ug/L	ND	0.50	0.36	10/27/21 00:49	
Dibromomethane	ug/L	ND	0.50	0.39	10/27/21 00:49	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	10/27/21 00:49	
Diisopropyl ether	ug/L	ND	0.50	0.31	10/27/21 00:49	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568782

METHOD BLANK: 3436351 Matrix: Water
Associated Lab Samples: 92568782001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	10/27/21 00:49	
Ethylbenzene	ug/L	ND	0.50	0.30	10/27/21 00:49	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/27/21 00:49	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	10/27/21 00:49	
m&p-Xylene	ug/L	ND	1.0	0.71	10/27/21 00:49	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	10/27/21 00:49	
Methylene Chloride	ug/L	3.0	2.0	2.0	10/27/21 00:49	
n-Butylbenzene	ug/L	ND	0.50	0.49	10/27/21 00:49	
n-Propylbenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
Naphthalene	ug/L	ND	2.0	0.64	10/27/21 00:49	
o-Xylene	ug/L	ND	0.50	0.34	10/27/21 00:49	
sec-Butylbenzene	ug/L	ND	0.50	0.40	10/27/21 00:49	
Styrene	ug/L	ND	0.50	0.29	10/27/21 00:49	
tert-Butylbenzene	ug/L	ND	0.50	0.32	10/27/21 00:49	
Tetrachloroethene	ug/L	ND	0.50	0.29	10/27/21 00:49	
Toluene	ug/L	ND	0.50	0.48	10/27/21 00:49	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	10/27/21 00:49	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/27/21 00:49	
Trichloroethene	ug/L	ND	0.50	0.38	10/27/21 00:49	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/27/21 00:49	
Vinyl chloride	ug/L	ND	1.0	0.39	10/27/21 00:49	
1,2-Dichloroethane-d4 (S)	%	93	70-130		10/27/21 00:49	
4-Bromofluorobenzene (S)	%	93	70-130		10/27/21 00:49	
Toluene-d8 (S)	%	100	70-130		10/27/21 00:49	

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.2	98	60-140	
1,1,1-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	60-140	
1,1,2-Trichloroethane	ug/L	50	46.7	93	60-140	
1,1-Dichloroethane	ug/L	50	43.6	87	60-140	
1,1-Dichloroethene	ug/L	50	43.4	87	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.4	109	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.4	99	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.4	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.9	102	60-140	
1,2-Dichloroethane	ug/L	50	41.2	82	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568782

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	50.0	100	60-140	
1,3-Dichlorobenzene	ug/L	50	51.4	103	60-140	
1,3-Dichloropropane	ug/L	50	47.5	95	60-140	
1,4-Dichlorobenzene	ug/L	50	52.2	104	60-140	
2,2-Dichloropropane	ug/L	50	42.5	85	60-140	
2-Chlorotoluene	ug/L	50	50.1	100	60-140	
4-Chlorotoluene	ug/L	50	47.1	94	60-140	
Benzene	ug/L	50	44.8	90	60-140	
Bromobenzene	ug/L	50	53.3	107	60-140	
Bromochloromethane	ug/L	50	46.5	93	60-140	
Bromodichloromethane	ug/L	50	47.6	95	60-140	
Bromoform	ug/L	50	49.5	99	60-140	
Bromomethane	ug/L	50	51.1	102	60-140	
Carbon tetrachloride	ug/L	50	47.9	96	60-140	
Chlorobenzene	ug/L	50	50.4	101	60-140	
Chloroethane	ug/L	50	54.5	109	60-140	
Chloroform	ug/L	50	43.4	87	60-140	
Chloromethane	ug/L	50	39.4	79	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.8	86	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.7	91	60-140	
Dibromochloromethane	ug/L	50	48.8	98	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	60.0	120	60-140	
Diisopropyl ether	ug/L	50	40.6	81	60-140	
Ethanol	ug/L	2000	1840	92	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.1	112	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.9	100	60-140	
Methyl-tert-butyl ether	ug/L	50	42.1	84	60-140	
Methylene Chloride	ug/L	50	48.5	97	60-140	
n-Butylbenzene	ug/L	50	50.3	101	60-140	
n-Propylbenzene	ug/L	50	48.0	96	60-140	
Naphthalene	ug/L	50	52.7	105	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	49.2	98	60-140	
Styrene	ug/L	50	50.3	101	60-140	
tert-Butylbenzene	ug/L	50	40.9	82	60-140	
Tetrachloroethene	ug/L	50	50.5	101	60-140	
Toluene	ug/L	50	46.1	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	49.8	100	60-140	
Trichlorofluoromethane	ug/L	50	55.0	110	60-140	
Vinyl chloride	ug/L	50	47.1	94	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568782

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436353 3436354

Parameter	Units	92568794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.5	22.7	113	113	60-140	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.4	21.9	107	109	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.9	23.0	114	115	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.9	21.9	110	109	60-140	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	22.6	22.7	113	113	60-140	0	30	
1,1-Dichloropropene	ug/L	ND	20	20	22.6	23.0	113	115	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.7	23.4	113	117	60-140	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.5	21.2	102	106	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.3	21.7	116	109	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.9	22.0	109	110	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.0	22.6	110	113	60-140	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.0	22.0	110	110	60-140	0	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.3	20.9	107	104	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.0	20.9	105	105	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.9	22.7	114	113	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.5	22.5	113	113	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.2	21.2	106	106	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.2	22.6	111	113	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.6	20.8	108	104	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.0	23.9	120	120	60-140	0	30	
2-Chlorotoluene	ug/L	ND	20	20	21.8	21.6	109	108	60-140	1	30	
4-Chlorotoluene	ug/L	ND	20	20	21.2	21.1	106	105	60-140	0	30	
Benzene	ug/L	ND	20	20	22.6	22.0	113	110	60-140	2	30	
Bromobenzene	ug/L	ND	20	20	22.3	21.8	112	109	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	30	
Bromodichloromethane	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30	
Bromoform	ug/L	ND	20	20	22.1	21.4	111	107	60-140	3	30	
Bromomethane	ug/L	ND	20	20	23.4	21.7	117	108	60-140	7	30	
Carbon tetrachloride	ug/L	ND	20	20	24.3	24.0	122	120	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	21.0	20.9	105	104	60-140	1	30	
Chloroethane	ug/L	ND	20	20	21.9	22.5	109	113	60-140	3	30	
Chloroform	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	30	
Chloromethane	ug/L	ND	20	20	21.7	21.7	109	108	60-140	0	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.1	21.1	106	106	60-140	0	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.1	22.1	110	110	60-140	0	30	
Dibromochloromethane	ug/L	ND	20	20	22.9	22.4	115	112	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	21.5	21.1	108	105	60-140	2	30	

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568782

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436353 3436354

Parameter	Units	92568794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	21.9	22.3	110	111	60-140	2	30	
Diisopropyl ether	ug/L	ND	20	20	21.6	21.5	108	107	60-140	0	30	
Ethanol	ug/L	ND	800	800	1000	1040	125	130	60-140	4	30	
Ethylbenzene	ug/L	ND	20	20	21.7	21.6	108	108	60-140	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.6	25.6	138	128	60-140	8	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.1	21.9	111	110	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	43.5	42.7	109	107	60-140	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.1	21.7	111	109	60-140	2	30	
Methylene Chloride	ug/L	ND	20	20	21.3	21.0	106	105	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.9	22.4	115	112	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.3	22.4	111	112	60-140	0	30	
Naphthalene	ug/L	ND	20	20	21.5	21.3	107	106	60-140	1	30	
o-Xylene	ug/L	ND	20	20	21.5	20.9	108	104	60-140	3	30	
sec-Butylbenzene	ug/L	ND	20	20	22.3	22.2	111	111	60-140	1	30	
Styrene	ug/L	ND	20	20	22.3	21.8	112	109	60-140	2	30	
tert-Butylbenzene	ug/L	ND	20	20	18.9	18.9	94	94	60-140	0	30	
Tetrachloroethene	ug/L	ND	20	20	20.8	20.9	104	105	60-140	0	30	
Toluene	ug/L	ND	20	20	21.7	21.2	109	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.6	21.9	113	110	60-140	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30	
Trichloroethene	ug/L	ND	20	20	22.3	22.1	111	111	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	20.1	98	100	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	21.1	21.0	106	105	60-140	0	30	
1,2-Dichloroethane-d4 (S)	%						94	98	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						97	98	70-130			

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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92568782

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92568782

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92568782001	**14226_HC_RD**	MADEP VPH	655268		
92568782001	**14226_HC_RD**	EPA 3010A	655829	EPA 6010D	655964
92568782001	**14226_HC_RD**	SM 6200B	655384		

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADI

WO# : 92568782

92568782

Container Preservative Typ

** Preservative Types: (1) nitric acid, (2) sulfu
(6) methanol, (7) sodium bisulfate, (8) sodium
(C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address: 14226 Huntersville Concord Rd.
Customer Project Name/Number: 2020-L1-2448	State: NC / County/City: Huntersville / Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Matt Teixeira	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): [signature]	Turnaround Date Required: ASAP / Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead
14226_HC_RD	DW	G	10-26-21	1100				8	X	X	X

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips: 223819AV	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:
92568782
OW

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546896

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 921064
Cooler 1 Temp Upon Receipt: 2.0 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 2.0 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Matt T. / Apex [signature]	10-26-21 / 1150	[signature]	10-26-21 1150
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

WO#: 92568782

PM: AMB Due Date: 11/02/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 04, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92568784

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 26, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92568784

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92568784

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92568784001	**14401_HC_RD_10262021**	Water	10/26/21 09:55	10/26/21 11:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92568784

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92568784001	**14401_HC_RD_10262021**	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568784

Sample: 14401_HC_RD_10262021 **Lab ID: 92568784001** Collected: 10/26/21 09:55 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		10/26/21 18:24		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		10/26/21 18:24		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		10/26/21 18:24		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		10/26/21 18:24		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		10/26/21 18:24	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		10/26/21 18:24	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	10/28/21 10:05	11/02/21 17:33	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		10/27/21 02:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		10/27/21 02:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		10/27/21 02:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		10/27/21 02:55	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		10/27/21 02:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		10/27/21 02:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		10/27/21 02:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		10/27/21 02:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		10/27/21 02:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		10/27/21 02:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		10/27/21 02:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/27/21 02:55	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		10/27/21 02:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/27/21 02:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 02:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 02:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		10/27/21 02:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		10/27/21 02:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		10/27/21 02:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		10/27/21 02:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 02:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 02:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		10/27/21 02:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		10/27/21 02:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		10/27/21 02:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 02:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		10/27/21 02:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 02:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		10/27/21 02:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		10/27/21 02:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		10/27/21 02:55	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568784

Sample: 14401_HC_RD_10262021 **Lab ID: 92568784001** Collected: 10/26/21 09:55 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		10/27/21 02:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		10/27/21 02:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 02:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 02:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		10/27/21 02:55	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		10/27/21 02:55	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		10/27/21 02:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/27/21 02:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		10/27/21 02:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		10/27/21 02:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		10/27/21 02:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		10/27/21 02:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		10/27/21 02:55	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		10/27/21 02:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		10/27/21 02:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		10/27/21 02:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		10/27/21 02:55	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		10/27/21 02:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		10/27/21 02:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		10/27/21 02:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		10/27/21 02:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 02:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 02:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/27/21 02:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		10/27/21 02:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		10/27/21 02:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		10/27/21 02:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/27/21 02:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		10/27/21 02:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		10/27/21 02:55	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		10/27/21 02:55	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		10/27/21 02:55	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		10/27/21 02:55	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568784

QC Batch: 655268
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92568784001

METHOD BLANK: 3435609 Matrix: Water
Associated Lab Samples: 92568784001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	10/26/21 16:03	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	10/26/21 16:03	N2
4-Bromofluorobenzene (FID) (S)	%	97	70-130		10/26/21 16:03	
4-Bromofluorobenzene (PID) (S)	%	99	70-130		10/26/21 16:03	

LABORATORY CONTROL SAMPLE & LCSD: 3435610 3435611

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	290	286	97	95	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	110	110	110	110	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	97	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568784

QC Batch: 655829
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92568784001

METHOD BLANK: 3438155 Matrix: Water
Associated Lab Samples: 92568784001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/02/21 17:00	

LABORATORY CONTROL SAMPLE: 3438156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	497	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3438157 3438158

Parameter	Units	92568782001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	487	496	97	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568784

QC Batch: 655384
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92568784001

METHOD BLANK: 3436351 Matrix: Water
Associated Lab Samples: 92568784001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	10/27/21 00:49	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	10/27/21 00:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	10/27/21 00:49	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	10/27/21 00:49	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	10/27/21 00:49	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	10/27/21 00:49	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	10/27/21 00:49	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	10/27/21 00:49	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	10/27/21 00:49	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	10/27/21 00:49	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	10/27/21 00:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	10/27/21 00:49	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	10/27/21 00:49	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	10/27/21 00:49	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	10/27/21 00:49	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	10/27/21 00:49	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	10/27/21 00:49	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	10/27/21 00:49	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	10/27/21 00:49	
2-Chlorotoluene	ug/L	ND	0.50	0.32	10/27/21 00:49	
4-Chlorotoluene	ug/L	ND	0.50	0.32	10/27/21 00:49	
Benzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
Bromobenzene	ug/L	ND	0.50	0.29	10/27/21 00:49	
Bromochloromethane	ug/L	ND	0.50	0.47	10/27/21 00:49	
Bromodichloromethane	ug/L	ND	0.50	0.31	10/27/21 00:49	
Bromoform	ug/L	ND	0.50	0.34	10/27/21 00:49	
Bromomethane	ug/L	ND	5.0	1.7	10/27/21 00:49	
Carbon tetrachloride	ug/L	ND	0.50	0.33	10/27/21 00:49	
Chlorobenzene	ug/L	ND	0.50	0.28	10/27/21 00:49	
Chloroethane	ug/L	ND	1.0	0.65	10/27/21 00:49	
Chloroform	ug/L	ND	0.50	0.35	10/27/21 00:49	
Chloromethane	ug/L	ND	1.0	0.54	10/27/21 00:49	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	10/27/21 00:49	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/27/21 00:49	
Dibromochloromethane	ug/L	ND	0.50	0.36	10/27/21 00:49	
Dibromomethane	ug/L	ND	0.50	0.39	10/27/21 00:49	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	10/27/21 00:49	
Diisopropyl ether	ug/L	ND	0.50	0.31	10/27/21 00:49	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568784

METHOD BLANK: 3436351 Matrix: Water
Associated Lab Samples: 92568784001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	10/27/21 00:49	
Ethylbenzene	ug/L	ND	0.50	0.30	10/27/21 00:49	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/27/21 00:49	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	10/27/21 00:49	
m&p-Xylene	ug/L	ND	1.0	0.71	10/27/21 00:49	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	10/27/21 00:49	
Methylene Chloride	ug/L	3.0	2.0	2.0	10/27/21 00:49	
n-Butylbenzene	ug/L	ND	0.50	0.49	10/27/21 00:49	
n-Propylbenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
Naphthalene	ug/L	ND	2.0	0.64	10/27/21 00:49	
o-Xylene	ug/L	ND	0.50	0.34	10/27/21 00:49	
sec-Butylbenzene	ug/L	ND	0.50	0.40	10/27/21 00:49	
Styrene	ug/L	ND	0.50	0.29	10/27/21 00:49	
tert-Butylbenzene	ug/L	ND	0.50	0.32	10/27/21 00:49	
Tetrachloroethene	ug/L	ND	0.50	0.29	10/27/21 00:49	
Toluene	ug/L	ND	0.50	0.48	10/27/21 00:49	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	10/27/21 00:49	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/27/21 00:49	
Trichloroethene	ug/L	ND	0.50	0.38	10/27/21 00:49	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/27/21 00:49	
Vinyl chloride	ug/L	ND	1.0	0.39	10/27/21 00:49	
1,2-Dichloroethane-d4 (S)	%	93	70-130		10/27/21 00:49	
4-Bromofluorobenzene (S)	%	93	70-130		10/27/21 00:49	
Toluene-d8 (S)	%	100	70-130		10/27/21 00:49	

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.2	98	60-140	
1,1,1-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	60-140	
1,1,2-Trichloroethane	ug/L	50	46.7	93	60-140	
1,1-Dichloroethane	ug/L	50	43.6	87	60-140	
1,1-Dichloroethene	ug/L	50	43.4	87	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.4	109	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.4	99	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.4	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.9	102	60-140	
1,2-Dichloroethane	ug/L	50	41.2	82	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568784

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	50.0	100	60-140	
1,3-Dichlorobenzene	ug/L	50	51.4	103	60-140	
1,3-Dichloropropane	ug/L	50	47.5	95	60-140	
1,4-Dichlorobenzene	ug/L	50	52.2	104	60-140	
2,2-Dichloropropane	ug/L	50	42.5	85	60-140	
2-Chlorotoluene	ug/L	50	50.1	100	60-140	
4-Chlorotoluene	ug/L	50	47.1	94	60-140	
Benzene	ug/L	50	44.8	90	60-140	
Bromobenzene	ug/L	50	53.3	107	60-140	
Bromochloromethane	ug/L	50	46.5	93	60-140	
Bromodichloromethane	ug/L	50	47.6	95	60-140	
Bromoform	ug/L	50	49.5	99	60-140	
Bromomethane	ug/L	50	51.1	102	60-140	
Carbon tetrachloride	ug/L	50	47.9	96	60-140	
Chlorobenzene	ug/L	50	50.4	101	60-140	
Chloroethane	ug/L	50	54.5	109	60-140	
Chloroform	ug/L	50	43.4	87	60-140	
Chloromethane	ug/L	50	39.4	79	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.8	86	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.7	91	60-140	
Dibromochloromethane	ug/L	50	48.8	98	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	60.0	120	60-140	
Diisopropyl ether	ug/L	50	40.6	81	60-140	
Ethanol	ug/L	2000	1840	92	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.1	112	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.9	100	60-140	
Methyl-tert-butyl ether	ug/L	50	42.1	84	60-140	
Methylene Chloride	ug/L	50	48.5	97	60-140	
n-Butylbenzene	ug/L	50	50.3	101	60-140	
n-Propylbenzene	ug/L	50	48.0	96	60-140	
Naphthalene	ug/L	50	52.7	105	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	49.2	98	60-140	
Styrene	ug/L	50	50.3	101	60-140	
tert-Butylbenzene	ug/L	50	40.9	82	60-140	
Tetrachloroethene	ug/L	50	50.5	101	60-140	
Toluene	ug/L	50	46.1	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	49.8	100	60-140	
Trichlorofluoromethane	ug/L	50	55.0	110	60-140	
Vinyl chloride	ug/L	50	47.1	94	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568784

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436353 3436354

Parameter	Units	92568794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.5	22.7	113	113	60-140	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.4	21.9	107	109	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.9	23.0	114	115	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.9	21.9	110	109	60-140	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	22.6	22.7	113	113	60-140	0	30	
1,1-Dichloropropene	ug/L	ND	20	20	22.6	23.0	113	115	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.7	23.4	113	117	60-140	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.5	21.2	102	106	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.3	21.7	116	109	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.9	22.0	109	110	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.0	22.6	110	113	60-140	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.0	22.0	110	110	60-140	0	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.3	20.9	107	104	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.0	20.9	105	105	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.9	22.7	114	113	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.5	22.5	113	113	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.2	21.2	106	106	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.2	22.6	111	113	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.6	20.8	108	104	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.0	23.9	120	120	60-140	0	30	
2-Chlorotoluene	ug/L	ND	20	20	21.8	21.6	109	108	60-140	1	30	
4-Chlorotoluene	ug/L	ND	20	20	21.2	21.1	106	105	60-140	0	30	
Benzene	ug/L	ND	20	20	22.6	22.0	113	110	60-140	2	30	
Bromobenzene	ug/L	ND	20	20	22.3	21.8	112	109	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	30	
Bromodichloromethane	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30	
Bromoform	ug/L	ND	20	20	22.1	21.4	111	107	60-140	3	30	
Bromomethane	ug/L	ND	20	20	23.4	21.7	117	108	60-140	7	30	
Carbon tetrachloride	ug/L	ND	20	20	24.3	24.0	122	120	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	21.0	20.9	105	104	60-140	1	30	
Chloroethane	ug/L	ND	20	20	21.9	22.5	109	113	60-140	3	30	
Chloroform	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	30	
Chloromethane	ug/L	ND	20	20	21.7	21.7	109	108	60-140	0	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.1	21.1	106	106	60-140	0	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.1	22.1	110	110	60-140	0	30	
Dibromochloromethane	ug/L	ND	20	20	22.9	22.4	115	112	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	21.5	21.1	108	105	60-140	2	30	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568784

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436353 3436354

Parameter	Units	92568794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	21.9	22.3	110	111	60-140	2	30	
Diisopropyl ether	ug/L	ND	20	20	21.6	21.5	108	107	60-140	0	30	
Ethanol	ug/L	ND	800	800	1000	1040	125	130	60-140	4	30	
Ethylbenzene	ug/L	ND	20	20	21.7	21.6	108	108	60-140	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.6	25.6	138	128	60-140	8	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.1	21.9	111	110	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	43.5	42.7	109	107	60-140	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.1	21.7	111	109	60-140	2	30	
Methylene Chloride	ug/L	ND	20	20	21.3	21.0	106	105	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.9	22.4	115	112	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.3	22.4	111	112	60-140	0	30	
Naphthalene	ug/L	ND	20	20	21.5	21.3	107	106	60-140	1	30	
o-Xylene	ug/L	ND	20	20	21.5	20.9	108	104	60-140	3	30	
sec-Butylbenzene	ug/L	ND	20	20	22.3	22.2	111	111	60-140	1	30	
Styrene	ug/L	ND	20	20	22.3	21.8	112	109	60-140	2	30	
tert-Butylbenzene	ug/L	ND	20	20	18.9	18.9	94	94	60-140	0	30	
Tetrachloroethene	ug/L	ND	20	20	20.8	20.9	104	105	60-140	0	30	
Toluene	ug/L	ND	20	20	21.7	21.2	109	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.6	21.9	113	110	60-140	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30	
Trichloroethene	ug/L	ND	20	20	22.3	22.1	111	111	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	20.1	98	100	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	21.1	21.0	106	105	60-140	0	30	
1,2-Dichloroethane-d4 (S)	%						94	98	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						97	98	70-130			

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92568784

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92568784

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92568784001	**14401_HC_RD_10262021**	MADEP VPH	655268		
92568784001	**14401_HC_RD_10262021**	EPA 3010A	655829	EPA 6010D	655964
92568784001	**14401_HC_RD_10262021**	SM 6200B	655384		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

WO# : 92568784

92568784

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address: 14401 Huntersville Conord Rd.
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Matt Teixeira	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

** Preservative Types: (1) nitric acid, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Profile/Line
14401_HC-RD_10262021	DW	G	10-26-21	0955				X8	X	X	X	92568784

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 223810AV			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

JB 10/26/21

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546894

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 2.0 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 2.0 oC
Comments:

JB 10/26/21

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Matt T./Apex	10-26-21/1150	JKL Pace MTL	10-26-211150
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: of:

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO#: 92568784**

PM: AMB Due Date: 11/02/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1 ✓										7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 04, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92568788

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 26, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92568788

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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(704)875-9092

SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92568788

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92568788001	**13800_HC_RD**	Water	10/26/21 09:05	10/26/21 11:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92568788

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92568788001	**13800_HC_RD**	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568788

Sample: 13800_HC_RD **Lab ID: 92568788001** Collected: 10/26/21 09:05 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		10/26/21 18:52		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		10/26/21 18:52		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		10/26/21 18:52		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		10/26/21 18:52		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		10/26/21 18:52	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		10/26/21 18:52	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	10/28/21 10:05	11/02/21 17:36	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		10/27/21 03:13	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		10/27/21 03:13	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		10/27/21 03:13	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		10/27/21 03:13	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		10/27/21 03:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		10/27/21 03:13	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		10/27/21 03:13	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		10/27/21 03:13	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		10/27/21 03:13	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		10/27/21 03:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		10/27/21 03:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/27/21 03:13	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		10/27/21 03:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/27/21 03:13	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 03:13	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 03:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		10/27/21 03:13	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		10/27/21 03:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		10/27/21 03:13	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		10/27/21 03:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 03:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 03:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		10/27/21 03:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		10/27/21 03:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		10/27/21 03:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 03:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		10/27/21 03:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 03:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		10/27/21 03:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		10/27/21 03:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		10/27/21 03:13	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568788

Sample: 13800_HC_RD **Lab ID: 92568788001** Collected: 10/26/21 09:05 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		10/27/21 03:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		10/27/21 03:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 03:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 03:13	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		10/27/21 03:13	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		10/27/21 03:13	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		10/27/21 03:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/27/21 03:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		10/27/21 03:13	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		10/27/21 03:13	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		10/27/21 03:13	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		10/27/21 03:13	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		10/27/21 03:13	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		10/27/21 03:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		10/27/21 03:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		10/27/21 03:13	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		10/27/21 03:13	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		10/27/21 03:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		10/27/21 03:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		10/27/21 03:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		10/27/21 03:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 03:13	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 03:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/27/21 03:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		10/27/21 03:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		10/27/21 03:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		10/27/21 03:13	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/27/21 03:13	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		10/27/21 03:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		10/27/21 03:13	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/27/21 03:13	17060-07-0	
4-Bromofluorobenzene (S)	89	%	70-130		1		10/27/21 03:13	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		10/27/21 03:13	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568788

QC Batch: 655268
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92568788001

METHOD BLANK: 3435609 Matrix: Water
Associated Lab Samples: 92568788001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	10/26/21 16:03	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	10/26/21 16:03	N2
4-Bromofluorobenzene (FID) (S)	%	97	70-130		10/26/21 16:03	
4-Bromofluorobenzene (PID) (S)	%	99	70-130		10/26/21 16:03	

LABORATORY CONTROL SAMPLE & LCSD: 3435610 3435611

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	290	286	97	95	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	110	110	110	110	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	97	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568788

QC Batch: 655829
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92568788001

METHOD BLANK: 3438155 Matrix: Water
Associated Lab Samples: 92568788001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/02/21 17:00	

LABORATORY CONTROL SAMPLE: 3438156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	497	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3438157 3438158

Parameter	Units	92568782001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	487	496	97	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568788

QC Batch: 655384
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92568788001

METHOD BLANK: 3436351 Matrix: Water
Associated Lab Samples: 92568788001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	10/27/21 00:49	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	10/27/21 00:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	10/27/21 00:49	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	10/27/21 00:49	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	10/27/21 00:49	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	10/27/21 00:49	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	10/27/21 00:49	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	10/27/21 00:49	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	10/27/21 00:49	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	10/27/21 00:49	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	10/27/21 00:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	10/27/21 00:49	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	10/27/21 00:49	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	10/27/21 00:49	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	10/27/21 00:49	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	10/27/21 00:49	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	10/27/21 00:49	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	10/27/21 00:49	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	10/27/21 00:49	
2-Chlorotoluene	ug/L	ND	0.50	0.32	10/27/21 00:49	
4-Chlorotoluene	ug/L	ND	0.50	0.32	10/27/21 00:49	
Benzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
Bromobenzene	ug/L	ND	0.50	0.29	10/27/21 00:49	
Bromochloromethane	ug/L	ND	0.50	0.47	10/27/21 00:49	
Bromodichloromethane	ug/L	ND	0.50	0.31	10/27/21 00:49	
Bromoform	ug/L	ND	0.50	0.34	10/27/21 00:49	
Bromomethane	ug/L	ND	5.0	1.7	10/27/21 00:49	
Carbon tetrachloride	ug/L	ND	0.50	0.33	10/27/21 00:49	
Chlorobenzene	ug/L	ND	0.50	0.28	10/27/21 00:49	
Chloroethane	ug/L	ND	1.0	0.65	10/27/21 00:49	
Chloroform	ug/L	ND	0.50	0.35	10/27/21 00:49	
Chloromethane	ug/L	ND	1.0	0.54	10/27/21 00:49	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	10/27/21 00:49	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/27/21 00:49	
Dibromochloromethane	ug/L	ND	0.50	0.36	10/27/21 00:49	
Dibromomethane	ug/L	ND	0.50	0.39	10/27/21 00:49	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	10/27/21 00:49	
Diisopropyl ether	ug/L	ND	0.50	0.31	10/27/21 00:49	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568788

METHOD BLANK: 3436351 Matrix: Water
Associated Lab Samples: 92568788001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	10/27/21 00:49	
Ethylbenzene	ug/L	ND	0.50	0.30	10/27/21 00:49	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/27/21 00:49	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	10/27/21 00:49	
m&p-Xylene	ug/L	ND	1.0	0.71	10/27/21 00:49	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	10/27/21 00:49	
Methylene Chloride	ug/L	3.0	2.0	2.0	10/27/21 00:49	
n-Butylbenzene	ug/L	ND	0.50	0.49	10/27/21 00:49	
n-Propylbenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
Naphthalene	ug/L	ND	2.0	0.64	10/27/21 00:49	
o-Xylene	ug/L	ND	0.50	0.34	10/27/21 00:49	
sec-Butylbenzene	ug/L	ND	0.50	0.40	10/27/21 00:49	
Styrene	ug/L	ND	0.50	0.29	10/27/21 00:49	
tert-Butylbenzene	ug/L	ND	0.50	0.32	10/27/21 00:49	
Tetrachloroethene	ug/L	ND	0.50	0.29	10/27/21 00:49	
Toluene	ug/L	ND	0.50	0.48	10/27/21 00:49	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	10/27/21 00:49	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/27/21 00:49	
Trichloroethene	ug/L	ND	0.50	0.38	10/27/21 00:49	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/27/21 00:49	
Vinyl chloride	ug/L	ND	1.0	0.39	10/27/21 00:49	
1,2-Dichloroethane-d4 (S)	%	93	70-130		10/27/21 00:49	
4-Bromofluorobenzene (S)	%	93	70-130		10/27/21 00:49	
Toluene-d8 (S)	%	100	70-130		10/27/21 00:49	

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.2	98	60-140	
1,1,1-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	60-140	
1,1,2-Trichloroethane	ug/L	50	46.7	93	60-140	
1,1-Dichloroethane	ug/L	50	43.6	87	60-140	
1,1-Dichloroethene	ug/L	50	43.4	87	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.4	109	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.4	99	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.4	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.9	102	60-140	
1,2-Dichloroethane	ug/L	50	41.2	82	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568788

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	50.0	100	60-140	
1,3-Dichlorobenzene	ug/L	50	51.4	103	60-140	
1,3-Dichloropropane	ug/L	50	47.5	95	60-140	
1,4-Dichlorobenzene	ug/L	50	52.2	104	60-140	
2,2-Dichloropropane	ug/L	50	42.5	85	60-140	
2-Chlorotoluene	ug/L	50	50.1	100	60-140	
4-Chlorotoluene	ug/L	50	47.1	94	60-140	
Benzene	ug/L	50	44.8	90	60-140	
Bromobenzene	ug/L	50	53.3	107	60-140	
Bromochloromethane	ug/L	50	46.5	93	60-140	
Bromodichloromethane	ug/L	50	47.6	95	60-140	
Bromoform	ug/L	50	49.5	99	60-140	
Bromomethane	ug/L	50	51.1	102	60-140	
Carbon tetrachloride	ug/L	50	47.9	96	60-140	
Chlorobenzene	ug/L	50	50.4	101	60-140	
Chloroethane	ug/L	50	54.5	109	60-140	
Chloroform	ug/L	50	43.4	87	60-140	
Chloromethane	ug/L	50	39.4	79	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.8	86	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.7	91	60-140	
Dibromochloromethane	ug/L	50	48.8	98	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	60.0	120	60-140	
Diisopropyl ether	ug/L	50	40.6	81	60-140	
Ethanol	ug/L	2000	1840	92	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.1	112	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.9	100	60-140	
Methyl-tert-butyl ether	ug/L	50	42.1	84	60-140	
Methylene Chloride	ug/L	50	48.5	97	60-140	
n-Butylbenzene	ug/L	50	50.3	101	60-140	
n-Propylbenzene	ug/L	50	48.0	96	60-140	
Naphthalene	ug/L	50	52.7	105	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	49.2	98	60-140	
Styrene	ug/L	50	50.3	101	60-140	
tert-Butylbenzene	ug/L	50	40.9	82	60-140	
Tetrachloroethene	ug/L	50	50.5	101	60-140	
Toluene	ug/L	50	46.1	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	49.8	100	60-140	
Trichlorofluoromethane	ug/L	50	55.0	110	60-140	
Vinyl chloride	ug/L	50	47.1	94	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568788

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436353 3436354

Parameter	Units	92568794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.5	22.7	113	113	60-140	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.4	21.9	107	109	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.9	23.0	114	115	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.9	21.9	110	109	60-140	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	22.6	22.7	113	113	60-140	0	30	
1,1-Dichloropropene	ug/L	ND	20	20	22.6	23.0	113	115	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.7	23.4	113	117	60-140	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.5	21.2	102	106	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.3	21.7	116	109	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.9	22.0	109	110	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.0	22.6	110	113	60-140	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.0	22.0	110	110	60-140	0	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.3	20.9	107	104	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.0	20.9	105	105	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.9	22.7	114	113	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.5	22.5	113	113	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.2	21.2	106	106	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.2	22.6	111	113	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.6	20.8	108	104	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.0	23.9	120	120	60-140	0	30	
2-Chlorotoluene	ug/L	ND	20	20	21.8	21.6	109	108	60-140	1	30	
4-Chlorotoluene	ug/L	ND	20	20	21.2	21.1	106	105	60-140	0	30	
Benzene	ug/L	ND	20	20	22.6	22.0	113	110	60-140	2	30	
Bromobenzene	ug/L	ND	20	20	22.3	21.8	112	109	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	30	
Bromodichloromethane	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30	
Bromoform	ug/L	ND	20	20	22.1	21.4	111	107	60-140	3	30	
Bromomethane	ug/L	ND	20	20	23.4	21.7	117	108	60-140	7	30	
Carbon tetrachloride	ug/L	ND	20	20	24.3	24.0	122	120	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	21.0	20.9	105	104	60-140	1	30	
Chloroethane	ug/L	ND	20	20	21.9	22.5	109	113	60-140	3	30	
Chloroform	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	30	
Chloromethane	ug/L	ND	20	20	21.7	21.7	109	108	60-140	0	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.1	21.1	106	106	60-140	0	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.1	22.1	110	110	60-140	0	30	
Dibromochloromethane	ug/L	ND	20	20	22.9	22.4	115	112	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	21.5	21.1	108	105	60-140	2	30	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568788

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436353 3436354

Parameter	Units	92568794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	21.9	22.3	110	111	60-140	2	30	
Diisopropyl ether	ug/L	ND	20	20	21.6	21.5	108	107	60-140	0	30	
Ethanol	ug/L	ND	800	800	1000	1040	125	130	60-140	4	30	
Ethylbenzene	ug/L	ND	20	20	21.7	21.6	108	108	60-140	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.6	25.6	138	128	60-140	8	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.1	21.9	111	110	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	43.5	42.7	109	107	60-140	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.1	21.7	111	109	60-140	2	30	
Methylene Chloride	ug/L	ND	20	20	21.3	21.0	106	105	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.9	22.4	115	112	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.3	22.4	111	112	60-140	0	30	
Naphthalene	ug/L	ND	20	20	21.5	21.3	107	106	60-140	1	30	
o-Xylene	ug/L	ND	20	20	21.5	20.9	108	104	60-140	3	30	
sec-Butylbenzene	ug/L	ND	20	20	22.3	22.2	111	111	60-140	1	30	
Styrene	ug/L	ND	20	20	22.3	21.8	112	109	60-140	2	30	
tert-Butylbenzene	ug/L	ND	20	20	18.9	18.9	94	94	60-140	0	30	
Tetrachloroethene	ug/L	ND	20	20	20.8	20.9	104	105	60-140	0	30	
Toluene	ug/L	ND	20	20	21.7	21.2	109	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.6	21.9	113	110	60-140	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30	
Trichloroethene	ug/L	ND	20	20	22.3	22.1	111	111	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	20.1	98	100	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	21.1	21.0	106	105	60-140	0	30	
1,2-Dichloroethane-d4 (S)	%						94	98	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						97	98	70-130			

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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92568788

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92568788

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92568788001	**13800_HC_RD**	MADEP VPH	655268		
92568788001	**13800_HC_RD**	EPA 3010A	655829	EPA 6010D	655964
92568788001	**13800_HC_RD**	SM 6200B	655384		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

AL WO#: 92568788

92568788

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address: 13800 Huntersville Concord Rd.
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Matt Teixeira	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

** Preservative Types: (1) nitric, (6) methanol, (7) sodium bisulfat, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Container Pres, te,

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead
13800-HC-RD	DW	G	10-26-21	0905				8	X	X	X

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips: 223819AV	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

92568788
001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546892

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 2.0 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 2.0 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Matt T./Apex	10-26-21/1150		10-26-21 1150
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project **WO#: 92568788**

PM: AMB Due Date: 11/02/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastid Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 04, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92568791

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 26, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92568791

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92568791

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92568791001	**13835_AC_RD**	Water	10/26/21 10:31	10/26/21 11:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92568791

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92568791001	**13835_AC_RD**	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568791

Sample: 13835_AC_RD **Lab ID: 92568791001** Collected: 10/26/21 10:31 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		10/26/21 19:21		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		10/26/21 19:21		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		10/26/21 19:21		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		10/26/21 19:21		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		10/26/21 19:21	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		10/26/21 19:21	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	10/28/21 10:05	11/02/21 17:40	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		10/27/21 03:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		10/27/21 03:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		10/27/21 03:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		10/27/21 03:31	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		10/27/21 03:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		10/27/21 03:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		10/27/21 03:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		10/27/21 03:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		10/27/21 03:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		10/27/21 03:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		10/27/21 03:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/27/21 03:31	75-00-3	
Chloroform	**0.66**	ug/L	0.50	0.35	1		10/27/21 03:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/27/21 03:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 03:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 03:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		10/27/21 03:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		10/27/21 03:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		10/27/21 03:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		10/27/21 03:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 03:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 03:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		10/27/21 03:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		10/27/21 03:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		10/27/21 03:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 03:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		10/27/21 03:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 03:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		10/27/21 03:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		10/27/21 03:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		10/27/21 03:31	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568791

Sample: 13835_AC_RD **Lab ID: 92568791001** Collected: 10/26/21 10:31 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		10/27/21 03:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		10/27/21 03:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 03:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 03:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		10/27/21 03:31	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		10/27/21 03:31	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		10/27/21 03:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/27/21 03:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		10/27/21 03:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		10/27/21 03:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		10/27/21 03:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		10/27/21 03:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		10/27/21 03:31	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		10/27/21 03:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		10/27/21 03:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		10/27/21 03:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		10/27/21 03:31	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		10/27/21 03:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		10/27/21 03:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		10/27/21 03:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		10/27/21 03:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 03:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 03:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/27/21 03:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		10/27/21 03:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		10/27/21 03:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		10/27/21 03:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/27/21 03:31	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		10/27/21 03:31	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		10/27/21 03:31	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/27/21 03:31	17060-07-0	
4-Bromofluorobenzene (S)	89	%	70-130		1		10/27/21 03:31	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		10/27/21 03:31	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568791

QC Batch: 655268
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92568791001

METHOD BLANK: 3435609 Matrix: Water
Associated Lab Samples: 92568791001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	10/26/21 16:03	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	10/26/21 16:03	N2
4-Bromofluorobenzene (FID) (S)	%	97	70-130		10/26/21 16:03	
4-Bromofluorobenzene (PID) (S)	%	99	70-130		10/26/21 16:03	

LABORATORY CONTROL SAMPLE & LCSD: 3435610 3435611

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	290	286	97	95	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	110	110	110	110	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	97	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568791

QC Batch: 655829
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92568791001

METHOD BLANK: 3438155 Matrix: Water
Associated Lab Samples: 92568791001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/02/21 17:00	

LABORATORY CONTROL SAMPLE: 3438156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	497	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3438157 3438158

Parameter	Units	92568782001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	487	496	97	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568791

QC Batch: 655384
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92568791001

METHOD BLANK: 3436351 Matrix: Water
Associated Lab Samples: 92568791001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	10/27/21 00:49	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	10/27/21 00:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	10/27/21 00:49	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	10/27/21 00:49	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	10/27/21 00:49	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	10/27/21 00:49	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	10/27/21 00:49	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	10/27/21 00:49	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	10/27/21 00:49	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	10/27/21 00:49	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	10/27/21 00:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	10/27/21 00:49	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	10/27/21 00:49	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	10/27/21 00:49	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	10/27/21 00:49	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	10/27/21 00:49	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	10/27/21 00:49	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	10/27/21 00:49	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	10/27/21 00:49	
2-Chlorotoluene	ug/L	ND	0.50	0.32	10/27/21 00:49	
4-Chlorotoluene	ug/L	ND	0.50	0.32	10/27/21 00:49	
Benzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
Bromobenzene	ug/L	ND	0.50	0.29	10/27/21 00:49	
Bromochloromethane	ug/L	ND	0.50	0.47	10/27/21 00:49	
Bromodichloromethane	ug/L	ND	0.50	0.31	10/27/21 00:49	
Bromoform	ug/L	ND	0.50	0.34	10/27/21 00:49	
Bromomethane	ug/L	ND	5.0	1.7	10/27/21 00:49	
Carbon tetrachloride	ug/L	ND	0.50	0.33	10/27/21 00:49	
Chlorobenzene	ug/L	ND	0.50	0.28	10/27/21 00:49	
Chloroethane	ug/L	ND	1.0	0.65	10/27/21 00:49	
Chloroform	ug/L	ND	0.50	0.35	10/27/21 00:49	
Chloromethane	ug/L	ND	1.0	0.54	10/27/21 00:49	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	10/27/21 00:49	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/27/21 00:49	
Dibromochloromethane	ug/L	ND	0.50	0.36	10/27/21 00:49	
Dibromomethane	ug/L	ND	0.50	0.39	10/27/21 00:49	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	10/27/21 00:49	
Diisopropyl ether	ug/L	ND	0.50	0.31	10/27/21 00:49	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568791

METHOD BLANK: 3436351 Matrix: Water
Associated Lab Samples: 92568791001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	10/27/21 00:49	
Ethylbenzene	ug/L	ND	0.50	0.30	10/27/21 00:49	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/27/21 00:49	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	10/27/21 00:49	
m&p-Xylene	ug/L	ND	1.0	0.71	10/27/21 00:49	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	10/27/21 00:49	
Methylene Chloride	ug/L	3.0	2.0	2.0	10/27/21 00:49	
n-Butylbenzene	ug/L	ND	0.50	0.49	10/27/21 00:49	
n-Propylbenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
Naphthalene	ug/L	ND	2.0	0.64	10/27/21 00:49	
o-Xylene	ug/L	ND	0.50	0.34	10/27/21 00:49	
sec-Butylbenzene	ug/L	ND	0.50	0.40	10/27/21 00:49	
Styrene	ug/L	ND	0.50	0.29	10/27/21 00:49	
tert-Butylbenzene	ug/L	ND	0.50	0.32	10/27/21 00:49	
Tetrachloroethene	ug/L	ND	0.50	0.29	10/27/21 00:49	
Toluene	ug/L	ND	0.50	0.48	10/27/21 00:49	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	10/27/21 00:49	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/27/21 00:49	
Trichloroethene	ug/L	ND	0.50	0.38	10/27/21 00:49	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/27/21 00:49	
Vinyl chloride	ug/L	ND	1.0	0.39	10/27/21 00:49	
1,2-Dichloroethane-d4 (S)	%	93	70-130		10/27/21 00:49	
4-Bromofluorobenzene (S)	%	93	70-130		10/27/21 00:49	
Toluene-d8 (S)	%	100	70-130		10/27/21 00:49	

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.2	98	60-140	
1,1,1-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	60-140	
1,1,2-Trichloroethane	ug/L	50	46.7	93	60-140	
1,1-Dichloroethane	ug/L	50	43.6	87	60-140	
1,1-Dichloroethene	ug/L	50	43.4	87	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.4	109	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.4	99	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.4	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.9	102	60-140	
1,2-Dichloroethane	ug/L	50	41.2	82	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568791

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	50.0	100	60-140	
1,3-Dichlorobenzene	ug/L	50	51.4	103	60-140	
1,3-Dichloropropane	ug/L	50	47.5	95	60-140	
1,4-Dichlorobenzene	ug/L	50	52.2	104	60-140	
2,2-Dichloropropane	ug/L	50	42.5	85	60-140	
2-Chlorotoluene	ug/L	50	50.1	100	60-140	
4-Chlorotoluene	ug/L	50	47.1	94	60-140	
Benzene	ug/L	50	44.8	90	60-140	
Bromobenzene	ug/L	50	53.3	107	60-140	
Bromochloromethane	ug/L	50	46.5	93	60-140	
Bromodichloromethane	ug/L	50	47.6	95	60-140	
Bromoform	ug/L	50	49.5	99	60-140	
Bromomethane	ug/L	50	51.1	102	60-140	
Carbon tetrachloride	ug/L	50	47.9	96	60-140	
Chlorobenzene	ug/L	50	50.4	101	60-140	
Chloroethane	ug/L	50	54.5	109	60-140	
Chloroform	ug/L	50	43.4	87	60-140	
Chloromethane	ug/L	50	39.4	79	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.8	86	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.7	91	60-140	
Dibromochloromethane	ug/L	50	48.8	98	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	60.0	120	60-140	
Diisopropyl ether	ug/L	50	40.6	81	60-140	
Ethanol	ug/L	2000	1840	92	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.1	112	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.9	100	60-140	
Methyl-tert-butyl ether	ug/L	50	42.1	84	60-140	
Methylene Chloride	ug/L	50	48.5	97	60-140	
n-Butylbenzene	ug/L	50	50.3	101	60-140	
n-Propylbenzene	ug/L	50	48.0	96	60-140	
Naphthalene	ug/L	50	52.7	105	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	49.2	98	60-140	
Styrene	ug/L	50	50.3	101	60-140	
tert-Butylbenzene	ug/L	50	40.9	82	60-140	
Tetrachloroethene	ug/L	50	50.5	101	60-140	
Toluene	ug/L	50	46.1	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	49.8	100	60-140	
Trichlorofluoromethane	ug/L	50	55.0	110	60-140	
Vinyl chloride	ug/L	50	47.1	94	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568791

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436353 3436354

Parameter	Units	92568794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.5	22.7	113	113	60-140	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.4	21.9	107	109	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.9	23.0	114	115	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.9	21.9	110	109	60-140	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	22.6	22.7	113	113	60-140	0	30	
1,1-Dichloropropene	ug/L	ND	20	20	22.6	23.0	113	115	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.7	23.4	113	117	60-140	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.5	21.2	102	106	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.3	21.7	116	109	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.9	22.0	109	110	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.0	22.6	110	113	60-140	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.0	22.0	110	110	60-140	0	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.3	20.9	107	104	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.0	20.9	105	105	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.9	22.7	114	113	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.5	22.5	113	113	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.2	21.2	106	106	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.2	22.6	111	113	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.6	20.8	108	104	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.0	23.9	120	120	60-140	0	30	
2-Chlorotoluene	ug/L	ND	20	20	21.8	21.6	109	108	60-140	1	30	
4-Chlorotoluene	ug/L	ND	20	20	21.2	21.1	106	105	60-140	0	30	
Benzene	ug/L	ND	20	20	22.6	22.0	113	110	60-140	2	30	
Bromobenzene	ug/L	ND	20	20	22.3	21.8	112	109	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	30	
Bromodichloromethane	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30	
Bromoform	ug/L	ND	20	20	22.1	21.4	111	107	60-140	3	30	
Bromomethane	ug/L	ND	20	20	23.4	21.7	117	108	60-140	7	30	
Carbon tetrachloride	ug/L	ND	20	20	24.3	24.0	122	120	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	21.0	20.9	105	104	60-140	1	30	
Chloroethane	ug/L	ND	20	20	21.9	22.5	109	113	60-140	3	30	
Chloroform	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	30	
Chloromethane	ug/L	ND	20	20	21.7	21.7	109	108	60-140	0	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.1	21.1	106	106	60-140	0	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.1	22.1	110	110	60-140	0	30	
Dibromochloromethane	ug/L	ND	20	20	22.9	22.4	115	112	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	21.5	21.1	108	105	60-140	2	30	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568791

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436353 3436354

Parameter	Units	92568794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	21.9	22.3	110	111	60-140	2	30	
Diisopropyl ether	ug/L	ND	20	20	21.6	21.5	108	107	60-140	0	30	
Ethanol	ug/L	ND	800	800	1000	1040	125	130	60-140	4	30	
Ethylbenzene	ug/L	ND	20	20	21.7	21.6	108	108	60-140	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.6	25.6	138	128	60-140	8	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.1	21.9	111	110	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	43.5	42.7	109	107	60-140	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.1	21.7	111	109	60-140	2	30	
Methylene Chloride	ug/L	ND	20	20	21.3	21.0	106	105	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.9	22.4	115	112	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.3	22.4	111	112	60-140	0	30	
Naphthalene	ug/L	ND	20	20	21.5	21.3	107	106	60-140	1	30	
o-Xylene	ug/L	ND	20	20	21.5	20.9	108	104	60-140	3	30	
sec-Butylbenzene	ug/L	ND	20	20	22.3	22.2	111	111	60-140	1	30	
Styrene	ug/L	ND	20	20	22.3	21.8	112	109	60-140	2	30	
tert-Butylbenzene	ug/L	ND	20	20	18.9	18.9	94	94	60-140	0	30	
Tetrachloroethene	ug/L	ND	20	20	20.8	20.9	104	105	60-140	0	30	
Toluene	ug/L	ND	20	20	21.7	21.2	109	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.6	21.9	113	110	60-140	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30	
Trichloroethene	ug/L	ND	20	20	22.3	22.1	111	111	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	20.1	98	100	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	21.1	21.0	106	105	60-140	0	30	
1,2-Dichloroethane-d4 (S)	%						94	98	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						97	98	70-130			

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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92568791

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92568791

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92568791001	**13835_AC_RD**	MADEP VPH	655268		
92568791001	**13835_AC_RD**	EPA 3010A	655829	EPA 6010D	655964
92568791001	**13835_AC_RD**	SM 6200B	655384		

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Pace Analytical®

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or

WO# : 92568791

ALL SHAD

Container Preservative Ty

92568791

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address: 13835 Asbury Chapel Rd
Customer Project Name/Number: 2020-L1-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Matt Teixeira	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): [signature]	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead
13835_AC_RD	DW	G	10-26-21	1031				8	X	X	X

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips: 22 38 19AV	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

92568791
DW

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546895

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 20 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 20 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Matt T. / Apex [signature]	10-26-21 / 1150	JK Cross MVL	10-26-21 1150
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # WO#: 92568791

PM: AMB Due Date: 11/02/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 04, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92568794

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 26, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92568794

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92568794

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92568794001	**DUP-1**	Water	10/26/21 00:00	10/26/21 11:50
92568794002	**FB-1**	Water	10/26/21 00:00	10/26/21 11:50
92568794003	**TB**	Water	10/26/21 00:00	10/26/21 11:50

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92568794

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92568794001	**DUP-1**	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	64	PASI-C
92568794002	**FB-1**	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	64	PASI-C
92568794003	**TB**	SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568794

Sample: DUP-1 **Lab ID: 92568794001** Collected: 10/26/21 00:00 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		10/27/21 17:05		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		10/27/21 17:05		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		10/27/21 17:05		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		10/27/21 17:05		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		10/27/21 17:05	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		10/27/21 17:05	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	10/28/21 10:05	11/02/21 17:43	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		10/27/21 03:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		10/27/21 03:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		10/27/21 03:49	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		10/27/21 03:49	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		10/27/21 03:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		10/27/21 03:49	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		10/27/21 03:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		10/27/21 03:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		10/27/21 03:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		10/27/21 03:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		10/27/21 03:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/27/21 03:49	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		10/27/21 03:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/27/21 03:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 03:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 03:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		10/27/21 03:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		10/27/21 03:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		10/27/21 03:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		10/27/21 03:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 03:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 03:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		10/27/21 03:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		10/27/21 03:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		10/27/21 03:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 03:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		10/27/21 03:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 03:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		10/27/21 03:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		10/27/21 03:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		10/27/21 03:49	142-28-9	

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568794

Sample: DUP-1 **Lab ID: 92568794001** Collected: 10/26/21 00:00 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		10/27/21 03:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		10/27/21 03:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 03:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 03:49	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		10/27/21 03:49	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		10/27/21 03:49	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		10/27/21 03:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/27/21 03:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		10/27/21 03:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		10/27/21 03:49	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		10/27/21 03:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		10/27/21 03:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		10/27/21 03:49	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		10/27/21 03:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		10/27/21 03:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		10/27/21 03:49	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		10/27/21 03:49	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		10/27/21 03:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		10/27/21 03:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		10/27/21 03:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		10/27/21 03:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 03:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 03:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/27/21 03:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		10/27/21 03:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		10/27/21 03:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		10/27/21 03:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/27/21 03:49	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		10/27/21 03:49	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		10/27/21 03:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		10/27/21 03:49	17060-07-0	
4-Bromofluorobenzene (S)	91	%	70-130		1		10/27/21 03:49	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		10/27/21 03:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568794

Sample: FB-1 **Lab ID: 92568794002** Collected: 10/26/21 00:00 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		10/27/21 16:36		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		10/27/21 16:36		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		10/27/21 16:36		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		10/27/21 16:36		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		10/27/21 16:36	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		10/27/21 16:36	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	10/28/21 10:05	11/02/21 17:47	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		10/27/21 01:25	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		10/27/21 01:25	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		10/27/21 01:25	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		10/27/21 01:25	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		10/27/21 01:25	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		10/27/21 01:25	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		10/27/21 01:25	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		10/27/21 01:25	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		10/27/21 01:25	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		10/27/21 01:25	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		10/27/21 01:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/27/21 01:25	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		10/27/21 01:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/27/21 01:25	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 01:25	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 01:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		10/27/21 01:25	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		10/27/21 01:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		10/27/21 01:25	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		10/27/21 01:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 01:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 01:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		10/27/21 01:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		10/27/21 01:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		10/27/21 01:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 01:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		10/27/21 01:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 01:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		10/27/21 01:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		10/27/21 01:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		10/27/21 01:25	142-28-9	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568794

Sample: FB-1 **Lab ID: 92568794002** Collected: 10/26/21 00:00 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		10/27/21 01:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		10/27/21 01:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 01:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 01:25	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		10/27/21 01:25	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		10/27/21 01:25	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		10/27/21 01:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/27/21 01:25	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		10/27/21 01:25	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		10/27/21 01:25	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		10/27/21 01:25	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		10/27/21 01:25	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		10/27/21 01:25	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		10/27/21 01:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		10/27/21 01:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		10/27/21 01:25	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		10/27/21 01:25	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		10/27/21 01:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		10/27/21 01:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		10/27/21 01:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		10/27/21 01:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 01:25	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 01:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/27/21 01:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		10/27/21 01:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		10/27/21 01:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		10/27/21 01:25	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/27/21 01:25	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		10/27/21 01:25	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		10/27/21 01:25	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/27/21 01:25	17060-07-0	
4-Bromofluorobenzene (S)	90	%	70-130		1		10/27/21 01:25	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		10/27/21 01:25	2037-26-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568794

Sample: TB **Lab ID: 92568794003** Collected: 10/26/21 00:00 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		10/27/21 01:43	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		10/27/21 01:43	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		10/27/21 01:43	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		10/27/21 01:43	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		10/27/21 01:43	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		10/27/21 01:43	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		10/27/21 01:43	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		10/27/21 01:43	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		10/27/21 01:43	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		10/27/21 01:43	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		10/27/21 01:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/27/21 01:43	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		10/27/21 01:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/27/21 01:43	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 01:43	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		10/27/21 01:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		10/27/21 01:43	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		10/27/21 01:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		10/27/21 01:43	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		10/27/21 01:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 01:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		10/27/21 01:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		10/27/21 01:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		10/27/21 01:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		10/27/21 01:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 01:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		10/27/21 01:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 01:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		10/27/21 01:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		10/27/21 01:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		10/27/21 01:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		10/27/21 01:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		10/27/21 01:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 01:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		10/27/21 01:43	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		10/27/21 01:43	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		10/27/21 01:43	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		10/27/21 01:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/27/21 01:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		10/27/21 01:43	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		10/27/21 01:43	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		10/27/21 01:43	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		10/27/21 01:43	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		10/27/21 01:43	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		10/27/21 01:43	100-42-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92568794

Sample: TB **Lab ID: 92568794003** Collected: 10/26/21 00:00 Received: 10/26/21 11:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		10/27/21 01:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		10/27/21 01:43	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		10/27/21 01:43	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		10/27/21 01:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		10/27/21 01:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		10/27/21 01:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		10/27/21 01:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		10/27/21 01:43	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		10/27/21 01:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/27/21 01:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		10/27/21 01:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		10/27/21 01:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		10/27/21 01:43	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/27/21 01:43	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		10/27/21 01:43	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		10/27/21 01:43	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/27/21 01:43	17060-07-0	
4-Bromofluorobenzene (S)	90	%	70-130		1		10/27/21 01:43	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		10/27/21 01:43	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568794

QC Batch: 655715
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92568794001, 92568794002

METHOD BLANK: 3437684 Matrix: Water
Associated Lab Samples: 92568794001, 92568794002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	10/27/21 15:40	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	10/27/21 15:40	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		10/27/21 15:40	
4-Bromofluorobenzene (PID) (S)	%	103	70-130		10/27/21 15:40	

LABORATORY CONTROL SAMPLE & LCSD: 3437685 3437686

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	290	319	97	106	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	113	119	113	119	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	96	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568794

QC Batch: 655829
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92568794001, 92568794002

METHOD BLANK: 3438155 Matrix: Water
Associated Lab Samples: 92568794001, 92568794002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/02/21 17:00	

LABORATORY CONTROL SAMPLE: 3438156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	497	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3438157 3438158

Parameter	Units	92568782001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	487	496	97	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568794

QC Batch: 655384
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92568794001, 92568794002, 92568794003

METHOD BLANK: 3436351 Matrix: Water
Associated Lab Samples: 92568794001, 92568794002, 92568794003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	10/27/21 00:49	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	10/27/21 00:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	10/27/21 00:49	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	10/27/21 00:49	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	10/27/21 00:49	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	10/27/21 00:49	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	10/27/21 00:49	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	10/27/21 00:49	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	10/27/21 00:49	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	10/27/21 00:49	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	10/27/21 00:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	10/27/21 00:49	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	10/27/21 00:49	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	10/27/21 00:49	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	10/27/21 00:49	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	10/27/21 00:49	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	10/27/21 00:49	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	10/27/21 00:49	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	10/27/21 00:49	
2-Chlorotoluene	ug/L	ND	0.50	0.32	10/27/21 00:49	
4-Chlorotoluene	ug/L	ND	0.50	0.32	10/27/21 00:49	
Benzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
Bromobenzene	ug/L	ND	0.50	0.29	10/27/21 00:49	
Bromochloromethane	ug/L	ND	0.50	0.47	10/27/21 00:49	
Bromodichloromethane	ug/L	ND	0.50	0.31	10/27/21 00:49	
Bromoform	ug/L	ND	0.50	0.34	10/27/21 00:49	
Bromomethane	ug/L	ND	5.0	1.7	10/27/21 00:49	
Carbon tetrachloride	ug/L	ND	0.50	0.33	10/27/21 00:49	
Chlorobenzene	ug/L	ND	0.50	0.28	10/27/21 00:49	
Chloroethane	ug/L	ND	1.0	0.65	10/27/21 00:49	
Chloroform	ug/L	ND	0.50	0.35	10/27/21 00:49	
Chloromethane	ug/L	ND	1.0	0.54	10/27/21 00:49	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	10/27/21 00:49	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/27/21 00:49	
Dibromochloromethane	ug/L	ND	0.50	0.36	10/27/21 00:49	
Dibromomethane	ug/L	ND	0.50	0.39	10/27/21 00:49	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	10/27/21 00:49	
Diisopropyl ether	ug/L	ND	0.50	0.31	10/27/21 00:49	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568794

METHOD BLANK: 3436351 Matrix: Water
Associated Lab Samples: 92568794001, 92568794002, 92568794003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	10/27/21 00:49	
Ethylbenzene	ug/L	ND	0.50	0.30	10/27/21 00:49	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/27/21 00:49	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	10/27/21 00:49	
m&p-Xylene	ug/L	ND	1.0	0.71	10/27/21 00:49	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	10/27/21 00:49	
Methylene Chloride	ug/L	3.0	2.0	2.0	10/27/21 00:49	
n-Butylbenzene	ug/L	ND	0.50	0.49	10/27/21 00:49	
n-Propylbenzene	ug/L	ND	0.50	0.34	10/27/21 00:49	
Naphthalene	ug/L	ND	2.0	0.64	10/27/21 00:49	
o-Xylene	ug/L	ND	0.50	0.34	10/27/21 00:49	
sec-Butylbenzene	ug/L	ND	0.50	0.40	10/27/21 00:49	
Styrene	ug/L	ND	0.50	0.29	10/27/21 00:49	
tert-Butylbenzene	ug/L	ND	0.50	0.32	10/27/21 00:49	
Tetrachloroethene	ug/L	ND	0.50	0.29	10/27/21 00:49	
Toluene	ug/L	ND	0.50	0.48	10/27/21 00:49	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	10/27/21 00:49	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	10/27/21 00:49	
Trichloroethene	ug/L	ND	0.50	0.38	10/27/21 00:49	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/27/21 00:49	
Vinyl chloride	ug/L	ND	1.0	0.39	10/27/21 00:49	
1,2-Dichloroethane-d4 (S)	%	93	70-130		10/27/21 00:49	
4-Bromofluorobenzene (S)	%	93	70-130		10/27/21 00:49	
Toluene-d8 (S)	%	100	70-130		10/27/21 00:49	

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.2	98	60-140	
1,1,1-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	60-140	
1,1,2-Trichloroethane	ug/L	50	46.7	93	60-140	
1,1-Dichloroethane	ug/L	50	43.6	87	60-140	
1,1-Dichloroethene	ug/L	50	43.4	87	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.4	109	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.4	99	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.4	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.9	102	60-140	
1,2-Dichloroethane	ug/L	50	41.2	82	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568794

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	50.0	100	60-140	
1,3-Dichlorobenzene	ug/L	50	51.4	103	60-140	
1,3-Dichloropropane	ug/L	50	47.5	95	60-140	
1,4-Dichlorobenzene	ug/L	50	52.2	104	60-140	
2,2-Dichloropropane	ug/L	50	42.5	85	60-140	
2-Chlorotoluene	ug/L	50	50.1	100	60-140	
4-Chlorotoluene	ug/L	50	47.1	94	60-140	
Benzene	ug/L	50	44.8	90	60-140	
Bromobenzene	ug/L	50	53.3	107	60-140	
Bromochloromethane	ug/L	50	46.5	93	60-140	
Bromodichloromethane	ug/L	50	47.6	95	60-140	
Bromoform	ug/L	50	49.5	99	60-140	
Bromomethane	ug/L	50	51.1	102	60-140	
Carbon tetrachloride	ug/L	50	47.9	96	60-140	
Chlorobenzene	ug/L	50	50.4	101	60-140	
Chloroethane	ug/L	50	54.5	109	60-140	
Chloroform	ug/L	50	43.4	87	60-140	
Chloromethane	ug/L	50	39.4	79	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.8	86	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.7	91	60-140	
Dibromochloromethane	ug/L	50	48.8	98	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	60.0	120	60-140	
Diisopropyl ether	ug/L	50	40.6	81	60-140	
Ethanol	ug/L	2000	1840	92	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.1	112	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.9	100	60-140	
Methyl-tert-butyl ether	ug/L	50	42.1	84	60-140	
Methylene Chloride	ug/L	50	48.5	97	60-140	
n-Butylbenzene	ug/L	50	50.3	101	60-140	
n-Propylbenzene	ug/L	50	48.0	96	60-140	
Naphthalene	ug/L	50	52.7	105	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	49.2	98	60-140	
Styrene	ug/L	50	50.3	101	60-140	
tert-Butylbenzene	ug/L	50	40.9	82	60-140	
Tetrachloroethene	ug/L	50	50.5	101	60-140	
Toluene	ug/L	50	46.1	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	49.8	100	60-140	
Trichlorofluoromethane	ug/L	50	55.0	110	60-140	
Vinyl chloride	ug/L	50	47.1	94	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568794

LABORATORY CONTROL SAMPLE: 3436352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436353 3436354

Parameter	Units	92568794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.5	22.7	113	113	60-140	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.4	21.9	107	109	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.9	23.0	114	115	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.9	21.9	110	109	60-140	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	22.6	22.7	113	113	60-140	0	30	
1,1-Dichloropropene	ug/L	ND	20	20	22.6	23.0	113	115	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.7	23.4	113	117	60-140	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.5	21.2	102	106	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.3	21.7	116	109	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.9	22.0	109	110	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.0	22.6	110	113	60-140	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.0	22.0	110	110	60-140	0	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.3	20.9	107	104	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.0	20.9	105	105	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.9	22.7	114	113	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.5	22.5	113	113	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.2	21.2	106	106	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.2	22.6	111	113	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.6	20.8	108	104	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.0	23.9	120	120	60-140	0	30	
2-Chlorotoluene	ug/L	ND	20	20	21.8	21.6	109	108	60-140	1	30	
4-Chlorotoluene	ug/L	ND	20	20	21.2	21.1	106	105	60-140	0	30	
Benzene	ug/L	ND	20	20	22.6	22.0	113	110	60-140	2	30	
Bromobenzene	ug/L	ND	20	20	22.3	21.8	112	109	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	30	
Bromodichloromethane	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30	
Bromoform	ug/L	ND	20	20	22.1	21.4	111	107	60-140	3	30	
Bromomethane	ug/L	ND	20	20	23.4	21.7	117	108	60-140	7	30	
Carbon tetrachloride	ug/L	ND	20	20	24.3	24.0	122	120	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	21.0	20.9	105	104	60-140	1	30	
Chloroethane	ug/L	ND	20	20	21.9	22.5	109	113	60-140	3	30	
Chloroform	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	30	
Chloromethane	ug/L	ND	20	20	21.7	21.7	109	108	60-140	0	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.1	21.1	106	106	60-140	0	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.1	22.1	110	110	60-140	0	30	
Dibromochloromethane	ug/L	ND	20	20	22.9	22.4	115	112	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	21.5	21.1	108	105	60-140	2	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92568794

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3436353 3436354

Parameter	Units	92568794001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	21.9	22.3	110	111	60-140	2	30	
Diisopropyl ether	ug/L	ND	20	20	21.6	21.5	108	107	60-140	0	30	
Ethanol	ug/L	ND	800	800	1000	1040	125	130	60-140	4	30	
Ethylbenzene	ug/L	ND	20	20	21.7	21.6	108	108	60-140	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.6	25.6	138	128	60-140	8	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.1	21.9	111	110	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	43.5	42.7	109	107	60-140	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.1	21.7	111	109	60-140	2	30	
Methylene Chloride	ug/L	ND	20	20	21.3	21.0	106	105	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.9	22.4	115	112	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.3	22.4	111	112	60-140	0	30	
Naphthalene	ug/L	ND	20	20	21.5	21.3	107	106	60-140	1	30	
o-Xylene	ug/L	ND	20	20	21.5	20.9	108	104	60-140	3	30	
sec-Butylbenzene	ug/L	ND	20	20	22.3	22.2	111	111	60-140	1	30	
Styrene	ug/L	ND	20	20	22.3	21.8	112	109	60-140	2	30	
tert-Butylbenzene	ug/L	ND	20	20	18.9	18.9	94	94	60-140	0	30	
Tetrachloroethene	ug/L	ND	20	20	20.8	20.9	104	105	60-140	0	30	
Toluene	ug/L	ND	20	20	21.7	21.2	109	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.6	21.9	113	110	60-140	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30	
Trichloroethene	ug/L	ND	20	20	22.3	22.1	111	111	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	20.1	98	100	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	21.1	21.0	106	105	60-140	0	30	
1,2-Dichloroethane-d4 (S)	%						94	98	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						97	98	70-130			

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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92568794

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92568794

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92568794001	**DUP-1**	MADEP VPH	655715		
92568794002	**FB-1**	MADEP VPH	655715		
92568794001	**DUP-1**	EPA 3010A	655829	EPA 6010D	655964
92568794002	**FB-1**	EPA 3010A	655829	EPA 6010D	655964
92568794001	**DUP-1**	SM 6200B	655384		
92568794002	**FB-1**	SM 6200B	655384		
92568794003	**TB**	SM 6200B	655384		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

WO# : 92568794

92568794

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC / County/City: Huntersville Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #:
Collected By (print): Matt Teixeira	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required: ASAP
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [ ] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

** Preservative Types: (1) nitric acid, (2) sulfu
(6) methanol, (7) sodium bisulfate, (8) sodium
(C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Container Preservative Typ

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
DUP-1	DW	G	10-26-21					8	x	x	x	92568794 DW
FB-1	DW	G	10-26-21					8	x	x	x	002
Trip Blank	OT	—	10-26-21					2	x			003

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: 2-3819 AV	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BT

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546897

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 92T064

Cooler 1 Temp Upon Receipt: 2.0 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 2.0 oC

Comments:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Matt T./Apex	10-26-21/1150	JKL Pace MVL	10/26/21 1115
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

WO#: 92568794

PM: AMB Due Date: 11/02/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2						1										7													
3																2													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 09, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-LI-2448
Pace Project No.: 92570034

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on November 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-LI-2448
Pace Project No.: 92570034

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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Huntersville, NC 28078
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SAMPLE SUMMARY

Project: 2020-LI-2448
Pace Project No.: 92570034

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92570034001	**14401_HC_RD**	Water	11/02/21 10:30	11/02/21 12:45

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SAMPLE ANALYTE COUNT

Project: 2020-LI-2448
Pace Project No.: 92570034

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92570034001	**14401_HC_RD**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570034

Sample: 14401_HC_RD **Lab ID: 92570034001** Collected: 11/02/21 10:30 Received: 11/02/21 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/05/21 23:37		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/05/21 23:37		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/05/21 23:37		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/05/21 23:37		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/05/21 23:37	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/05/21 23:37	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/05/21 05:08	11/08/21 19:04	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 20:20	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 20:20	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 20:20	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 20:20	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 20:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 20:20	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 20:20	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 20:20	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 20:20	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 20:20	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 20:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 20:20	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 20:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 20:20	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:20	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 20:20	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 20:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 20:20	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 20:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 20:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 20:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 20:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 20:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 20:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 20:20	142-28-9	

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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570034

Sample: 14401_HC_RD **Lab ID: 92570034001** Collected: 11/02/21 10:30 Received: 11/02/21 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 20:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 20:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:20	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 20:20	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/04/21 20:20	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 20:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 20:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 20:20	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 20:20	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 20:20	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 20:20	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:20	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 20:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 20:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 20:20	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 20:20	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 20:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 20:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 20:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 20:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:20	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 20:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 20:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 20:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:20	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 20:20	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 20:20	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 20:20	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		11/04/21 20:20	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/04/21 20:20	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 20:20	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570034

QC Batch: 657981
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570034001

METHOD BLANK: 3449042 Matrix: Water
Associated Lab Samples: 92570034001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		11/05/21 16:34	
4-Bromofluorobenzene (PID) (S)	%	96	70-130		11/05/21 16:34	

LABORATORY CONTROL SAMPLE & LCSD: 3449043 3449044

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	278	283	93	94	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	103	108	103	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				105	105	70-130			
4-Bromofluorobenzene (PID) (S)	%				97	98	70-130			

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570034

QC Batch: 657727
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92570034001

METHOD BLANK: 3447806 Matrix: Water
Associated Lab Samples: 92570034001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/08/21 18:57	

LABORATORY CONTROL SAMPLE: 3447807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	498	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3447808 3447809

Parameter	Units	92570034001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	505	497	100	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570034

QC Batch: 657515
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92570034001

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570034001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/04/21 15:21	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/04/21 15:21	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/04/21 15:21	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/04/21 15:21	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/04/21 15:21	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/04/21 15:21	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/04/21 15:21	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/04/21 15:21	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/04/21 15:21	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/04/21 15:21	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/04/21 15:21	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/04/21 15:21	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/04/21 15:21	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Benzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromobenzene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Bromochloromethane	ug/L	ND	0.50	0.47	11/04/21 15:21	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
Bromoform	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromomethane	ug/L	ND	5.0	1.7	11/04/21 15:21	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/04/21 15:21	
Chlorobenzene	ug/L	ND	0.50	0.28	11/04/21 15:21	
Chloroethane	ug/L	ND	1.0	0.65	11/04/21 15:21	
Chloroform	ug/L	ND	0.50	0.35	11/04/21 15:21	
Chloromethane	ug/L	ND	1.0	0.54	11/04/21 15:21	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromomethane	ug/L	ND	0.50	0.39	11/04/21 15:21	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/04/21 15:21	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/04/21 15:21	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570034

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570034001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	11/04/21 15:21	
Ethylbenzene	ug/L	ND	0.50	0.30	11/04/21 15:21	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/04/21 15:21	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/04/21 15:21	
m&p-Xylene	ug/L	ND	1.0	0.71	11/04/21 15:21	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/04/21 15:21	
Methylene Chloride	ug/L	ND	2.0	2.0	11/04/21 15:21	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/04/21 15:21	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Naphthalene	ug/L	ND	2.0	0.64	11/04/21 15:21	
o-Xylene	ug/L	ND	0.50	0.34	11/04/21 15:21	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/04/21 15:21	
Styrene	ug/L	ND	0.50	0.29	11/04/21 15:21	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Toluene	ug/L	ND	0.50	0.48	11/04/21 15:21	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/04/21 15:21	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Trichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/04/21 15:21	
Vinyl chloride	ug/L	ND	1.0	0.39	11/04/21 15:21	
1,2-Dichloroethane-d4 (S)	%	98	70-130		11/04/21 15:21	
4-Bromofluorobenzene (S)	%	98	70-130		11/04/21 15:21	
Toluene-d8 (S)	%	102	70-130		11/04/21 15:21	

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.5	103	60-140	
1,1,1-Trichloroethane	ug/L	50	56.1	112	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	53.9	108	60-140	
1,1-Dichloroethane	ug/L	50	52.6	105	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	57.4	115	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.7	103	60-140	
1,2,3-Trichloropropane	ug/L	50	47.2	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.9	106	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.9	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.0	102	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.6	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	53.2	106	60-140	
1,2-Dichloropropane	ug/L	50	53.1	106	60-140	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570034

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,3-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,3-Dichloropropane	ug/L	50	50.8	102	60-140	
1,4-Dichlorobenzene	ug/L	50	49.2	98	60-140	
2,2-Dichloropropane	ug/L	50	58.1	116	60-140	
2-Chlorotoluene	ug/L	50	49.9	100	60-140	
4-Chlorotoluene	ug/L	50	47.2	94	60-140	
Benzene	ug/L	50	51.0	102	60-140	
Bromobenzene	ug/L	50	49.7	99	60-140	
Bromochloromethane	ug/L	50	53.7	107	60-140	
Bromodichloromethane	ug/L	50	50.2	100	60-140	
Bromoform	ug/L	50	53.3	107	60-140	
Bromomethane	ug/L	50	60.5	121	60-140	
Carbon tetrachloride	ug/L	50	57.0	114	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	52.2	104	60-140	
Chloroform	ug/L	50	52.2	104	60-140	
Chloromethane	ug/L	50	55.4	111	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.4	109	60-140	
Dibromomethane	ug/L	50	49.9	100	60-140	
Dichlorodifluoromethane	ug/L	50	58.6	117	60-140	
Diisopropyl ether	ug/L	50	56.8	114	60-140	
Ethanol	ug/L	2000	2280	114	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	57.8	116	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	56.5	113	60-140	
Methylene Chloride	ug/L	50	52.3	105	60-140	
n-Butylbenzene	ug/L	50	52.0	104	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	51.3	103	60-140	
o-Xylene	ug/L	50	48.1	96	60-140	
sec-Butylbenzene	ug/L	50	49.1	98	60-140	
Styrene	ug/L	50	51.6	103	60-140	
tert-Butylbenzene	ug/L	50	41.9	84	60-140	
Tetrachloroethene	ug/L	50	50.0	100	60-140	
Toluene	ug/L	50	48.7	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.3	107	60-140	
Trichloroethene	ug/L	50	52.6	105	60-140	
Trichlorofluoromethane	ug/L	50	49.9	100	60-140	
Vinyl chloride	ug/L	50	53.7	107	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570034

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	20.4	97	102	60-140	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.1	23.7	121	118	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.7	20.2	99	101	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.5	21.5	113	107	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.3	23.9	121	119	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.6	24.1	118	120	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	22.5	123	112	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.9	19.9	94	100	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.6	22.7	118	113	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.7	20.5	103	103	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	20.8	96	104	60-140	8	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.0	21.1	100	105	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.7	19.9	99	99	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.4	22.0	107	110	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.3	21.1	106	106	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.2	20.6	101	103	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.9	20.2	104	101	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.5	24.7	122	124	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	19.9	20.5	100	103	60-140	3	30	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.9	97	99	60-140	2	30	
Benzene	ug/L	ND	20	20	21.7	22.3	109	112	60-140	3	30	
Bromobenzene	ug/L	ND	20	20	20.7	20.3	104	102	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	22.7	22.0	114	110	60-140	3	30	
Bromodichloromethane	ug/L	ND	20	20	21.2	21.6	106	108	60-140	2	30	
Bromoform	ug/L	ND	20	20	19.5	20.0	98	100	60-140	3	30	
Bromomethane	ug/L	ND	20	20	27.5	26.8	137	134	60-140	2	30	
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.8	123	124	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Chloroethane	ug/L	ND	20	20	24.7	22.7	124	114	60-140	8	30	
Chloroform	ug/L	ND	20	20	21.7	21.8	109	109	60-140	1	30	
Chloromethane	ug/L	ND	20	20	22.5	20.7	113	103	60-140	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.3	21.7	112	108	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	20.8	21.0	104	105	60-140	1	30	
Dibromomethane	ug/L	ND	20	20	21.1	21.0	106	105	60-140	1	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570034

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	25.9	25.1	130	125	60-140	3	30	
Diisopropyl ether	ug/L	ND	20	20	20.7	21.4	103	107	60-140	3	30	
Ethanol	ug/L	ND	800	800	950	1070	119	134	60-140	12	30	
Ethylbenzene	ug/L	ND	20	20	20.0	20.7	100	103	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.1	27.3	146	136	60-140	7	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.7	21.8	104	109	60-140	5	30	
m&p-Xylene	ug/L	ND	40	40	40.0	41.9	100	105	60-140	5	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.4	22.1	107	111	60-140	3	30	
Methylene Chloride	ug/L	ND	20	20	21.6	21.3	108	107	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	23.9	22.6	120	113	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	20.9	21.0	104	105	60-140	1	30	
Naphthalene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
o-Xylene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
sec-Butylbenzene	ug/L	ND	20	20	22.4	21.6	112	108	60-140	3	30	
Styrene	ug/L	ND	20	20	20.0	20.8	100	104	60-140	3	30	
tert-Butylbenzene	ug/L	ND	20	20	18.1	17.7	91	88	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	20.4	21.2	102	106	60-140	3	30	
Toluene	ug/L	ND	20	20	20.8	21.2	104	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.3	23.1	116	115	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	21.7	104	108	60-140	4	30	
Trichloroethene	ug/L	ND	20	20	22.7	22.9	113	114	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	30	
Vinyl chloride	ug/L	ND	20	20	23.3	22.6	117	113	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						98	99	70-130			
4-Bromofluorobenzene (S)	%						100	99	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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QUALIFIERS

Project: 2020-LI-2448
Pace Project No.: 92570034

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-LI-2448
Pace Project No.: 92570034

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570034001	**14401_HC_RD**	MADEP VPH	657981		
92570034001	**14401_HC_RD**	EPA 3010A	657727	EPA 6010D	657746
92570034001	**14401_HC_RD**	SM 6200B	657515		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Worko

WO# : 92570034

92570034

ALL SHADE

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #:
Collected By (print): Jamie Humphrey	Purchase Order #: Quote #:
Collected By (signature): Jamie Humphrey	Turnaround Date Required: ASAP
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Container Preservative Type

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs by 6200B	Analyses: MADEP VPH	Analyses: Lead
14401_HC_RD	DW	G	11/2/21	1030 EST 1000 11/2/21				8	X	X	X

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N (NA)
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips:	
Sample pH Acceptable	(Y) N NA
pH Strips: 223019WAV	
Sulfide Present	Y N (NA)
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

92570034 001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546901

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N (NA)
Therm ID#: 121064
Cooler 1 Temp Upon Receipt: 2.9 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 2.9 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
James Humphrey /Apex	11/2/21 1250	JB Pace HVL	11/2/21 1250
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N (NA)
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: 1 of: 1

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # WO#: 92570034

PM: AMB Due Date: 11/09/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1 ✓										7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 09, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-LI-2448
Pace Project No.: 92570038

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on November 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-LI-2448
Pace Project No.: 92570038

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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Huntersville, NC 28078
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SAMPLE SUMMARY

Project: 2020-LI-2448
Pace Project No.: 92570038

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92570038001	**13835_AC_RD**	Water	11/02/21 11:10	11/02/21 12:50

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-LI-2448
Pace Project No.: 92570038

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92570038001	**13835_AC_RD**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570038

Sample: 13835_AC_RD **Lab ID: 92570038001** Collected: 11/02/21 11:10 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 00:06		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 00:06		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 00:06		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 00:06		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		11/06/21 00:06	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/06/21 00:06	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/05/21 05:08	11/08/21 19:17	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 20:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 20:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 20:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 20:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 20:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 20:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 20:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 20:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 20:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 20:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 20:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 20:37	75-00-3	
Chloroform	**0.75**	ug/L	0.50	0.35	1		11/04/21 20:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 20:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 20:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 20:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 20:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 20:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 20:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 20:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 20:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 20:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 20:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 20:37	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570038

Sample: 13835_AC_RD **Lab ID: 92570038001** Collected: 11/02/21 11:10 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 20:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 20:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 20:37	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/04/21 20:37	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 20:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 20:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 20:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 20:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 20:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 20:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 20:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 20:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 20:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 20:37	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 20:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 20:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 20:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 20:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 20:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 20:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 20:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 20:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 20:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 20:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		11/04/21 20:37	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/04/21 20:37	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 20:37	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570038

QC Batch: 657981
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570038001

METHOD BLANK: 3449042 Matrix: Water
Associated Lab Samples: 92570038001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		11/05/21 16:34	
4-Bromofluorobenzene (PID) (S)	%	96	70-130		11/05/21 16:34	

LABORATORY CONTROL SAMPLE & LCSD: 3449043 3449044

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	278	283	93	94	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	103	108	103	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				105	105	70-130			
4-Bromofluorobenzene (PID) (S)	%				97	98	70-130			

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570038

QC Batch: 657727
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92570038001

METHOD BLANK: 3447806 Matrix: Water
Associated Lab Samples: 92570038001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/08/21 18:57	

LABORATORY CONTROL SAMPLE: 3447807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	498	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3447808 3447809

Parameter	Units	92570034001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	505	497	100	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570038

QC Batch: 657515
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92570038001

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570038001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/04/21 15:21	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/04/21 15:21	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/04/21 15:21	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/04/21 15:21	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/04/21 15:21	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/04/21 15:21	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/04/21 15:21	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/04/21 15:21	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/04/21 15:21	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/04/21 15:21	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/04/21 15:21	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/04/21 15:21	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/04/21 15:21	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Benzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromobenzene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Bromochloromethane	ug/L	ND	0.50	0.47	11/04/21 15:21	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
Bromoform	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromomethane	ug/L	ND	5.0	1.7	11/04/21 15:21	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/04/21 15:21	
Chlorobenzene	ug/L	ND	0.50	0.28	11/04/21 15:21	
Chloroethane	ug/L	ND	1.0	0.65	11/04/21 15:21	
Chloroform	ug/L	ND	0.50	0.35	11/04/21 15:21	
Chloromethane	ug/L	ND	1.0	0.54	11/04/21 15:21	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromomethane	ug/L	ND	0.50	0.39	11/04/21 15:21	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/04/21 15:21	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/04/21 15:21	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570038

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570038001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	11/04/21 15:21	
Ethylbenzene	ug/L	ND	0.50	0.30	11/04/21 15:21	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/04/21 15:21	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/04/21 15:21	
m&p-Xylene	ug/L	ND	1.0	0.71	11/04/21 15:21	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/04/21 15:21	
Methylene Chloride	ug/L	ND	2.0	2.0	11/04/21 15:21	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/04/21 15:21	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Naphthalene	ug/L	ND	2.0	0.64	11/04/21 15:21	
o-Xylene	ug/L	ND	0.50	0.34	11/04/21 15:21	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/04/21 15:21	
Styrene	ug/L	ND	0.50	0.29	11/04/21 15:21	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Toluene	ug/L	ND	0.50	0.48	11/04/21 15:21	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/04/21 15:21	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Trichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/04/21 15:21	
Vinyl chloride	ug/L	ND	1.0	0.39	11/04/21 15:21	
1,2-Dichloroethane-d4 (S)	%	98	70-130		11/04/21 15:21	
4-Bromofluorobenzene (S)	%	98	70-130		11/04/21 15:21	
Toluene-d8 (S)	%	102	70-130		11/04/21 15:21	

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.5	103	60-140	
1,1,1-Trichloroethane	ug/L	50	56.1	112	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	53.9	108	60-140	
1,1-Dichloroethane	ug/L	50	52.6	105	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	57.4	115	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.7	103	60-140	
1,2,3-Trichloropropane	ug/L	50	47.2	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.9	106	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.9	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.0	102	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.6	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	53.2	106	60-140	
1,2-Dichloropropane	ug/L	50	53.1	106	60-140	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570038

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,3-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,3-Dichloropropane	ug/L	50	50.8	102	60-140	
1,4-Dichlorobenzene	ug/L	50	49.2	98	60-140	
2,2-Dichloropropane	ug/L	50	58.1	116	60-140	
2-Chlorotoluene	ug/L	50	49.9	100	60-140	
4-Chlorotoluene	ug/L	50	47.2	94	60-140	
Benzene	ug/L	50	51.0	102	60-140	
Bromobenzene	ug/L	50	49.7	99	60-140	
Bromochloromethane	ug/L	50	53.7	107	60-140	
Bromodichloromethane	ug/L	50	50.2	100	60-140	
Bromoform	ug/L	50	53.3	107	60-140	
Bromomethane	ug/L	50	60.5	121	60-140	
Carbon tetrachloride	ug/L	50	57.0	114	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	52.2	104	60-140	
Chloroform	ug/L	50	52.2	104	60-140	
Chloromethane	ug/L	50	55.4	111	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.4	109	60-140	
Dibromomethane	ug/L	50	49.9	100	60-140	
Dichlorodifluoromethane	ug/L	50	58.6	117	60-140	
Diisopropyl ether	ug/L	50	56.8	114	60-140	
Ethanol	ug/L	2000	2280	114	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	57.8	116	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	56.5	113	60-140	
Methylene Chloride	ug/L	50	52.3	105	60-140	
n-Butylbenzene	ug/L	50	52.0	104	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	51.3	103	60-140	
o-Xylene	ug/L	50	48.1	96	60-140	
sec-Butylbenzene	ug/L	50	49.1	98	60-140	
Styrene	ug/L	50	51.6	103	60-140	
tert-Butylbenzene	ug/L	50	41.9	84	60-140	
Tetrachloroethene	ug/L	50	50.0	100	60-140	
Toluene	ug/L	50	48.7	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.3	107	60-140	
Trichloroethene	ug/L	50	52.6	105	60-140	
Trichlorofluoromethane	ug/L	50	49.9	100	60-140	
Vinyl chloride	ug/L	50	53.7	107	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570038

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	20.4	97	102	60-140	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.1	23.7	121	118	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.7	20.2	99	101	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.5	21.5	113	107	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.3	23.9	121	119	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.6	24.1	118	120	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	22.5	123	112	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.9	19.9	94	100	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.6	22.7	118	113	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.7	20.5	103	103	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	20.8	96	104	60-140	8	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.0	21.1	100	105	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.7	19.9	99	99	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.4	22.0	107	110	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.3	21.1	106	106	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.2	20.6	101	103	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.9	20.2	104	101	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.5	24.7	122	124	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	19.9	20.5	100	103	60-140	3	30	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.9	97	99	60-140	2	30	
Benzene	ug/L	ND	20	20	21.7	22.3	109	112	60-140	3	30	
Bromobenzene	ug/L	ND	20	20	20.7	20.3	104	102	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	22.7	22.0	114	110	60-140	3	30	
Bromodichloromethane	ug/L	ND	20	20	21.2	21.6	106	108	60-140	2	30	
Bromoform	ug/L	ND	20	20	19.5	20.0	98	100	60-140	3	30	
Bromomethane	ug/L	ND	20	20	27.5	26.8	137	134	60-140	2	30	
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.8	123	124	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Chloroethane	ug/L	ND	20	20	24.7	22.7	124	114	60-140	8	30	
Chloroform	ug/L	ND	20	20	21.7	21.8	109	109	60-140	1	30	
Chloromethane	ug/L	ND	20	20	22.5	20.7	113	103	60-140	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.3	21.7	112	108	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	20.8	21.0	104	105	60-140	1	30	
Dibromomethane	ug/L	ND	20	20	21.1	21.0	106	105	60-140	1	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570038

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	25.9	25.1	130	125	60-140	3	30	
Diisopropyl ether	ug/L	ND	20	20	20.7	21.4	103	107	60-140	3	30	
Ethanol	ug/L	ND	800	800	950	1070	119	134	60-140	12	30	
Ethylbenzene	ug/L	ND	20	20	20.0	20.7	100	103	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.1	27.3	146	136	60-140	7	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.7	21.8	104	109	60-140	5	30	
m&p-Xylene	ug/L	ND	40	40	40.0	41.9	100	105	60-140	5	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.4	22.1	107	111	60-140	3	30	
Methylene Chloride	ug/L	ND	20	20	21.6	21.3	108	107	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	23.9	22.6	120	113	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	20.9	21.0	104	105	60-140	1	30	
Naphthalene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
o-Xylene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
sec-Butylbenzene	ug/L	ND	20	20	22.4	21.6	112	108	60-140	3	30	
Styrene	ug/L	ND	20	20	20.0	20.8	100	104	60-140	3	30	
tert-Butylbenzene	ug/L	ND	20	20	18.1	17.7	91	88	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	20.4	21.2	102	106	60-140	3	30	
Toluene	ug/L	ND	20	20	20.8	21.2	104	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.3	23.1	116	115	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	21.7	104	108	60-140	4	30	
Trichloroethene	ug/L	ND	20	20	22.7	22.9	113	114	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	30	
Vinyl chloride	ug/L	ND	20	20	23.3	22.6	117	113	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						98	99	70-130			
4-Bromofluorobenzene (S)	%						100	99	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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(704)875-9092

QUALIFIERS

Project: 2020-LI-2448
Pace Project No.: 92570038

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-LI-2448
Pace Project No.: 92570038

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570038001	**13835_AC_RD**	MADEP VPH	657981		
92570038001	**13835_AC_RD**	EPA 3010A	657727	EPA 6010D	657746
92570038001	**13835_AC_RD**	SM 6200B	657515		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label
MTJL Log-in #

WO# : 92570038

92570038

ALL SHADED AREAS a

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #:
Collected By (print): Jamie Humphrey	Purchase Order #: Quote #:
Collected By (signature): Jamie Humphrey	Turnaround Date Required: ASAP
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #:
DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Preservative Type **	Analyses: VOCs by 6200B	Analyses: MADEP VPH	Analyses: Lead
13835_AC_RD	DW	G	11/2/21	1110				8		X	X	X

Lab Project Manager:

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	(NA)
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 223819AV			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

92570038
001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546902

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: T270064
Cooler 1 Temp Upon Receipt: 2.9 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 2.9 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Jamie Humphrey / Apex	11/2/21 1250	JB Pace HVL	11/02/21 1250
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N (NA)
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: 1 of: 1

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

WO#: 92570038

PM: AMB Due Date: 11/09/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1 ✓										7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 09, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-LI-2448
Pace Project No.: 92570043

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on November 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-LI-2448
Pace Project No.: 92570043

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-LI-2448
Pace Project No.: 92570043

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92570043001	**13800_HC_RD**	Water	11/02/21 09:10	11/02/21 12:50

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-LI-2448
Pace Project No.: 92570043

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92570043001	**13800_HC_RD**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570043

Sample: 13800_HC_RD **Lab ID: 92570043001** Collected: 11/02/21 09:10 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 00:34		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 00:34		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 00:34		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 00:34		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/06/21 00:34	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		11/06/21 00:34	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/05/21 05:08	11/08/21 19:21	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 20:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 20:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 20:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 20:55	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 20:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 20:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 20:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 20:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 20:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 20:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 20:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 20:55	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 20:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 20:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 20:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 20:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 20:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 20:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 20:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 20:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 20:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 20:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 20:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 20:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 20:55	142-28-9	

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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570043

Sample: 13800_HC_RD **Lab ID: 92570043001** Collected: 11/02/21 09:10 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 20:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 20:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 20:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 20:55	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/04/21 20:55	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 20:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 20:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 20:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 20:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 20:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 20:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 20:55	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 20:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 20:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 20:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 20:55	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 20:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 20:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 20:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 20:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 20:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 20:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 20:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 20:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 20:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 20:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 20:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 20:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 20:55	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/04/21 20:55	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		11/04/21 20:55	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 20:55	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570043

QC Batch: 657981
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570043001

METHOD BLANK: 3449042 Matrix: Water
Associated Lab Samples: 92570043001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		11/05/21 16:34	
4-Bromofluorobenzene (PID) (S)	%	96	70-130		11/05/21 16:34	

LABORATORY CONTROL SAMPLE & LCSD: 3449043 3449044

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	278	283	93	94	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	103	108	103	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				105	105	70-130			
4-Bromofluorobenzene (PID) (S)	%				97	98	70-130			

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570043

QC Batch: 657727
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92570043001

METHOD BLANK: 3447806 Matrix: Water
Associated Lab Samples: 92570043001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/08/21 18:57	

LABORATORY CONTROL SAMPLE: 3447807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	498	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3447808 3447809

Parameter	Units	92570034001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	505	497	100	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570043

QC Batch: 657515
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92570043001

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570043001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/04/21 15:21	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/04/21 15:21	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/04/21 15:21	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/04/21 15:21	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/04/21 15:21	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/04/21 15:21	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/04/21 15:21	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/04/21 15:21	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/04/21 15:21	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/04/21 15:21	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/04/21 15:21	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/04/21 15:21	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/04/21 15:21	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Benzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromobenzene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Bromochloromethane	ug/L	ND	0.50	0.47	11/04/21 15:21	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
Bromoform	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromomethane	ug/L	ND	5.0	1.7	11/04/21 15:21	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/04/21 15:21	
Chlorobenzene	ug/L	ND	0.50	0.28	11/04/21 15:21	
Chloroethane	ug/L	ND	1.0	0.65	11/04/21 15:21	
Chloroform	ug/L	ND	0.50	0.35	11/04/21 15:21	
Chloromethane	ug/L	ND	1.0	0.54	11/04/21 15:21	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromomethane	ug/L	ND	0.50	0.39	11/04/21 15:21	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/04/21 15:21	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/04/21 15:21	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570043

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570043001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	11/04/21 15:21	
Ethylbenzene	ug/L	ND	0.50	0.30	11/04/21 15:21	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/04/21 15:21	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/04/21 15:21	
m&p-Xylene	ug/L	ND	1.0	0.71	11/04/21 15:21	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/04/21 15:21	
Methylene Chloride	ug/L	ND	2.0	2.0	11/04/21 15:21	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/04/21 15:21	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Naphthalene	ug/L	ND	2.0	0.64	11/04/21 15:21	
o-Xylene	ug/L	ND	0.50	0.34	11/04/21 15:21	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/04/21 15:21	
Styrene	ug/L	ND	0.50	0.29	11/04/21 15:21	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Toluene	ug/L	ND	0.50	0.48	11/04/21 15:21	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/04/21 15:21	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Trichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/04/21 15:21	
Vinyl chloride	ug/L	ND	1.0	0.39	11/04/21 15:21	
1,2-Dichloroethane-d4 (S)	%	98	70-130		11/04/21 15:21	
4-Bromofluorobenzene (S)	%	98	70-130		11/04/21 15:21	
Toluene-d8 (S)	%	102	70-130		11/04/21 15:21	

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.5	103	60-140	
1,1,1-Trichloroethane	ug/L	50	56.1	112	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	53.9	108	60-140	
1,1-Dichloroethane	ug/L	50	52.6	105	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	57.4	115	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.7	103	60-140	
1,2,3-Trichloropropane	ug/L	50	47.2	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.9	106	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.9	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.0	102	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.6	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	53.2	106	60-140	
1,2-Dichloropropane	ug/L	50	53.1	106	60-140	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570043

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,3-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,3-Dichloropropane	ug/L	50	50.8	102	60-140	
1,4-Dichlorobenzene	ug/L	50	49.2	98	60-140	
2,2-Dichloropropane	ug/L	50	58.1	116	60-140	
2-Chlorotoluene	ug/L	50	49.9	100	60-140	
4-Chlorotoluene	ug/L	50	47.2	94	60-140	
Benzene	ug/L	50	51.0	102	60-140	
Bromobenzene	ug/L	50	49.7	99	60-140	
Bromochloromethane	ug/L	50	53.7	107	60-140	
Bromodichloromethane	ug/L	50	50.2	100	60-140	
Bromoform	ug/L	50	53.3	107	60-140	
Bromomethane	ug/L	50	60.5	121	60-140	
Carbon tetrachloride	ug/L	50	57.0	114	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	52.2	104	60-140	
Chloroform	ug/L	50	52.2	104	60-140	
Chloromethane	ug/L	50	55.4	111	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.4	109	60-140	
Dibromomethane	ug/L	50	49.9	100	60-140	
Dichlorodifluoromethane	ug/L	50	58.6	117	60-140	
Diisopropyl ether	ug/L	50	56.8	114	60-140	
Ethanol	ug/L	2000	2280	114	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	57.8	116	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	56.5	113	60-140	
Methylene Chloride	ug/L	50	52.3	105	60-140	
n-Butylbenzene	ug/L	50	52.0	104	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	51.3	103	60-140	
o-Xylene	ug/L	50	48.1	96	60-140	
sec-Butylbenzene	ug/L	50	49.1	98	60-140	
Styrene	ug/L	50	51.6	103	60-140	
tert-Butylbenzene	ug/L	50	41.9	84	60-140	
Tetrachloroethene	ug/L	50	50.0	100	60-140	
Toluene	ug/L	50	48.7	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.3	107	60-140	
Trichloroethene	ug/L	50	52.6	105	60-140	
Trichlorofluoromethane	ug/L	50	49.9	100	60-140	
Vinyl chloride	ug/L	50	53.7	107	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570043

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	20.4	97	102	60-140	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.1	23.7	121	118	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.7	20.2	99	101	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.5	21.5	113	107	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.3	23.9	121	119	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.6	24.1	118	120	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	22.5	123	112	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.9	19.9	94	100	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.6	22.7	118	113	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.7	20.5	103	103	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	20.8	96	104	60-140	8	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.0	21.1	100	105	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.7	19.9	99	99	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.4	22.0	107	110	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.3	21.1	106	106	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.2	20.6	101	103	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.9	20.2	104	101	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.5	24.7	122	124	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	19.9	20.5	100	103	60-140	3	30	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.9	97	99	60-140	2	30	
Benzene	ug/L	ND	20	20	21.7	22.3	109	112	60-140	3	30	
Bromobenzene	ug/L	ND	20	20	20.7	20.3	104	102	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	22.7	22.0	114	110	60-140	3	30	
Bromodichloromethane	ug/L	ND	20	20	21.2	21.6	106	108	60-140	2	30	
Bromoform	ug/L	ND	20	20	19.5	20.0	98	100	60-140	3	30	
Bromomethane	ug/L	ND	20	20	27.5	26.8	137	134	60-140	2	30	
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.8	123	124	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Chloroethane	ug/L	ND	20	20	24.7	22.7	124	114	60-140	8	30	
Chloroform	ug/L	ND	20	20	21.7	21.8	109	109	60-140	1	30	
Chloromethane	ug/L	ND	20	20	22.5	20.7	113	103	60-140	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.3	21.7	112	108	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	20.8	21.0	104	105	60-140	1	30	
Dibromomethane	ug/L	ND	20	20	21.1	21.0	106	105	60-140	1	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570043

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	25.9	25.1	130	125	60-140	3	30	
Diisopropyl ether	ug/L	ND	20	20	20.7	21.4	103	107	60-140	3	30	
Ethanol	ug/L	ND	800	800	950	1070	119	134	60-140	12	30	
Ethylbenzene	ug/L	ND	20	20	20.0	20.7	100	103	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.1	27.3	146	136	60-140	7	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.7	21.8	104	109	60-140	5	30	
m&p-Xylene	ug/L	ND	40	40	40.0	41.9	100	105	60-140	5	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.4	22.1	107	111	60-140	3	30	
Methylene Chloride	ug/L	ND	20	20	21.6	21.3	108	107	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	23.9	22.6	120	113	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	20.9	21.0	104	105	60-140	1	30	
Naphthalene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
o-Xylene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
sec-Butylbenzene	ug/L	ND	20	20	22.4	21.6	112	108	60-140	3	30	
Styrene	ug/L	ND	20	20	20.0	20.8	100	104	60-140	3	30	
tert-Butylbenzene	ug/L	ND	20	20	18.1	17.7	91	88	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	20.4	21.2	102	106	60-140	3	30	
Toluene	ug/L	ND	20	20	20.8	21.2	104	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.3	23.1	116	115	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	21.7	104	108	60-140	4	30	
Trichloroethene	ug/L	ND	20	20	22.7	22.9	113	114	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	30	
Vinyl chloride	ug/L	ND	20	20	23.3	22.6	117	113	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						98	99	70-130			
4-Bromofluorobenzene (S)	%						100	99	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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QUALIFIERS

Project: 2020-LI-2448
Pace Project No.: 92570043

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-LI-2448
Pace Project No.: 92570043

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570043001	**13800_HC_RD**	MADEP VPH	657981		
92570043001	**13800_HC_RD**	EPA 3010A	657727	EPA 6010D	657746
92570043001	**13800_HC_RD**	SM 6200B	657515		

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Pace Analytical®

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- ALL

WO# : 92570043

92570043

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Jamie Humphrey	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Jamie Humphrey	Turnaround Date Required: ASAP Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs by 6200B	MADEP VPH	Lead	Lab Profile/Line: Lab Sample # / Comments:
13800_HC_RD	DW	G	11/2/21	0910	/	/		8	X	X	X	92570043 001

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	(NA)
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 223819AV			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546899

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: 92TOR4
Cooler 1 Temp Upon Receipt: 2.9 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 2.9 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Jamie Humphrey/Apex	11/2/21 1250	JB Pace HVL	11/02/21 1250
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N (NA)
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: 1 of: 1

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project

WO# : 92570043

PM: AMB Due Date: 11/09/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1 ✓										7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 09, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-LI-2448
Pace Project No.: 92570047

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on November 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-LI-2448
Pace Project No.: 92570047

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-LI-2448
Pace Project No.: 92570047

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92570047001	**14226_HC_RD**	Water	11/02/21 11:50	11/02/21 12:50

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-LI-2448
Pace Project No.: 92570047

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92570047001	**14226_HC_RD**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570047

Sample: 14226_HC_RD **Lab ID: 92570047001** Collected: 11/02/21 11:50 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 01:02		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 01:02		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 01:02		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 01:02		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		11/06/21 01:02	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		11/06/21 01:02	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/05/21 05:08	11/08/21 19:24	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 21:13	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 21:13	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 21:13	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 21:13	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 21:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 21:13	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 21:13	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 21:13	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 21:13	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 21:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 21:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 21:13	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 21:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 21:13	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 21:13	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 21:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 21:13	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 21:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 21:13	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 21:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 21:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 21:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 21:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 21:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 21:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 21:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 21:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 21:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 21:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 21:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 21:13	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570047

Sample: 14226_HC_RD **Lab ID: 92570047001** Collected: 11/02/21 11:50 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 21:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 21:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 21:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 21:13	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 21:13	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/04/21 21:13	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 21:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 21:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 21:13	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 21:13	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 21:13	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 21:13	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 21:13	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 21:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 21:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 21:13	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 21:13	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 21:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 21:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 21:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 21:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 21:13	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 21:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 21:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 21:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 21:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 21:13	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 21:13	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 21:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 21:13	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		11/04/21 21:13	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/04/21 21:13	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		11/04/21 21:13	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570047

QC Batch: 657981
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570047001

METHOD BLANK: 3449042 Matrix: Water
Associated Lab Samples: 92570047001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		11/05/21 16:34	
4-Bromofluorobenzene (PID) (S)	%	96	70-130		11/05/21 16:34	

LABORATORY CONTROL SAMPLE & LCSD: 3449043 3449044

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	278	283	93	94	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	103	108	103	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				105	105	70-130			
4-Bromofluorobenzene (PID) (S)	%				97	98	70-130			

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570047

QC Batch: 657727
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92570047001

METHOD BLANK: 3447806 Matrix: Water
Associated Lab Samples: 92570047001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/08/21 18:57	

LABORATORY CONTROL SAMPLE: 3447807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	498	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3447808 3447809

Parameter	Units	92570034001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	505	497	100	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570047

QC Batch: 657515
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92570047001

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570047001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/04/21 15:21	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/04/21 15:21	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/04/21 15:21	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/04/21 15:21	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/04/21 15:21	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/04/21 15:21	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/04/21 15:21	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/04/21 15:21	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/04/21 15:21	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/04/21 15:21	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/04/21 15:21	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/04/21 15:21	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/04/21 15:21	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Benzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromobenzene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Bromochloromethane	ug/L	ND	0.50	0.47	11/04/21 15:21	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
Bromoform	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromomethane	ug/L	ND	5.0	1.7	11/04/21 15:21	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/04/21 15:21	
Chlorobenzene	ug/L	ND	0.50	0.28	11/04/21 15:21	
Chloroethane	ug/L	ND	1.0	0.65	11/04/21 15:21	
Chloroform	ug/L	ND	0.50	0.35	11/04/21 15:21	
Chloromethane	ug/L	ND	1.0	0.54	11/04/21 15:21	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromomethane	ug/L	ND	0.50	0.39	11/04/21 15:21	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/04/21 15:21	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/04/21 15:21	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570047

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570047001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	11/04/21 15:21	
Ethylbenzene	ug/L	ND	0.50	0.30	11/04/21 15:21	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/04/21 15:21	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/04/21 15:21	
m&p-Xylene	ug/L	ND	1.0	0.71	11/04/21 15:21	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/04/21 15:21	
Methylene Chloride	ug/L	ND	2.0	2.0	11/04/21 15:21	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/04/21 15:21	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Naphthalene	ug/L	ND	2.0	0.64	11/04/21 15:21	
o-Xylene	ug/L	ND	0.50	0.34	11/04/21 15:21	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/04/21 15:21	
Styrene	ug/L	ND	0.50	0.29	11/04/21 15:21	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Toluene	ug/L	ND	0.50	0.48	11/04/21 15:21	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/04/21 15:21	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Trichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/04/21 15:21	
Vinyl chloride	ug/L	ND	1.0	0.39	11/04/21 15:21	
1,2-Dichloroethane-d4 (S)	%	98	70-130		11/04/21 15:21	
4-Bromofluorobenzene (S)	%	98	70-130		11/04/21 15:21	
Toluene-d8 (S)	%	102	70-130		11/04/21 15:21	

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.5	103	60-140	
1,1,1-Trichloroethane	ug/L	50	56.1	112	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	53.9	108	60-140	
1,1-Dichloroethane	ug/L	50	52.6	105	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	57.4	115	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.7	103	60-140	
1,2,3-Trichloropropane	ug/L	50	47.2	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.9	106	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.9	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.0	102	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.6	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	53.2	106	60-140	
1,2-Dichloropropane	ug/L	50	53.1	106	60-140	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570047

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,3-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,3-Dichloropropane	ug/L	50	50.8	102	60-140	
1,4-Dichlorobenzene	ug/L	50	49.2	98	60-140	
2,2-Dichloropropane	ug/L	50	58.1	116	60-140	
2-Chlorotoluene	ug/L	50	49.9	100	60-140	
4-Chlorotoluene	ug/L	50	47.2	94	60-140	
Benzene	ug/L	50	51.0	102	60-140	
Bromobenzene	ug/L	50	49.7	99	60-140	
Bromochloromethane	ug/L	50	53.7	107	60-140	
Bromodichloromethane	ug/L	50	50.2	100	60-140	
Bromoform	ug/L	50	53.3	107	60-140	
Bromomethane	ug/L	50	60.5	121	60-140	
Carbon tetrachloride	ug/L	50	57.0	114	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	52.2	104	60-140	
Chloroform	ug/L	50	52.2	104	60-140	
Chloromethane	ug/L	50	55.4	111	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.4	109	60-140	
Dibromomethane	ug/L	50	49.9	100	60-140	
Dichlorodifluoromethane	ug/L	50	58.6	117	60-140	
Diisopropyl ether	ug/L	50	56.8	114	60-140	
Ethanol	ug/L	2000	2280	114	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	57.8	116	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	56.5	113	60-140	
Methylene Chloride	ug/L	50	52.3	105	60-140	
n-Butylbenzene	ug/L	50	52.0	104	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	51.3	103	60-140	
o-Xylene	ug/L	50	48.1	96	60-140	
sec-Butylbenzene	ug/L	50	49.1	98	60-140	
Styrene	ug/L	50	51.6	103	60-140	
tert-Butylbenzene	ug/L	50	41.9	84	60-140	
Tetrachloroethene	ug/L	50	50.0	100	60-140	
Toluene	ug/L	50	48.7	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.3	107	60-140	
Trichloroethene	ug/L	50	52.6	105	60-140	
Trichlorofluoromethane	ug/L	50	49.9	100	60-140	
Vinyl chloride	ug/L	50	53.7	107	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570047

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	20.4	97	102	60-140	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.1	23.7	121	118	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.7	20.2	99	101	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.5	21.5	113	107	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.3	23.9	121	119	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.6	24.1	118	120	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	22.5	123	112	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.9	19.9	94	100	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.6	22.7	118	113	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.7	20.5	103	103	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	20.8	96	104	60-140	8	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.0	21.1	100	105	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.7	19.9	99	99	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.4	22.0	107	110	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.3	21.1	106	106	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.2	20.6	101	103	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.9	20.2	104	101	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.5	24.7	122	124	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	19.9	20.5	100	103	60-140	3	30	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.9	97	99	60-140	2	30	
Benzene	ug/L	ND	20	20	21.7	22.3	109	112	60-140	3	30	
Bromobenzene	ug/L	ND	20	20	20.7	20.3	104	102	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	22.7	22.0	114	110	60-140	3	30	
Bromodichloromethane	ug/L	ND	20	20	21.2	21.6	106	108	60-140	2	30	
Bromoform	ug/L	ND	20	20	19.5	20.0	98	100	60-140	3	30	
Bromomethane	ug/L	ND	20	20	27.5	26.8	137	134	60-140	2	30	
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.8	123	124	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Chloroethane	ug/L	ND	20	20	24.7	22.7	124	114	60-140	8	30	
Chloroform	ug/L	ND	20	20	21.7	21.8	109	109	60-140	1	30	
Chloromethane	ug/L	ND	20	20	22.5	20.7	113	103	60-140	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.3	21.7	112	108	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	20.8	21.0	104	105	60-140	1	30	
Dibromomethane	ug/L	ND	20	20	21.1	21.0	106	105	60-140	1	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570047

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	25.9	25.1	130	125	60-140	3	30	
Diisopropyl ether	ug/L	ND	20	20	20.7	21.4	103	107	60-140	3	30	
Ethanol	ug/L	ND	800	800	950	1070	119	134	60-140	12	30	
Ethylbenzene	ug/L	ND	20	20	20.0	20.7	100	103	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.1	27.3	146	136	60-140	7	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.7	21.8	104	109	60-140	5	30	
m&p-Xylene	ug/L	ND	40	40	40.0	41.9	100	105	60-140	5	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.4	22.1	107	111	60-140	3	30	
Methylene Chloride	ug/L	ND	20	20	21.6	21.3	108	107	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	23.9	22.6	120	113	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	20.9	21.0	104	105	60-140	1	30	
Naphthalene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
o-Xylene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
sec-Butylbenzene	ug/L	ND	20	20	22.4	21.6	112	108	60-140	3	30	
Styrene	ug/L	ND	20	20	20.0	20.8	100	104	60-140	3	30	
tert-Butylbenzene	ug/L	ND	20	20	18.1	17.7	91	88	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	20.4	21.2	102	106	60-140	3	30	
Toluene	ug/L	ND	20	20	20.8	21.2	104	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.3	23.1	116	115	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	21.7	104	108	60-140	4	30	
Trichloroethene	ug/L	ND	20	20	22.7	22.9	113	114	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	30	
Vinyl chloride	ug/L	ND	20	20	23.3	22.6	117	113	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						98	99	70-130			
4-Bromofluorobenzene (S)	%						100	99	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-LI-2448
Pace Project No.: 92570047

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-LI-2448
Pace Project No.: 92570047

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570047001	**14226_HC_RD**	MADEP VPH	657981		
92570047001	**14226_HC_RD**	EPA 3010A	657727	EPA 6010D	657746
92570047001	**14226_HC_RD**	SM 6200B	657515		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 92570047

92570047

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #:
Collected By (print): Jamie Humphrey	Purchase Order #: / Quote #:
Collected By (signature):	Turnaround Date Required: ASAP
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: / DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs by 6200B	MADEP VPH	Lead
14226-HC_RD	DW	G	11/2/21	1150				8	X	X	X

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	(NA)
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 223619AV			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

92570047
001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546903

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 2.9 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 2.9 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Jamie Humphrey/Apex	11/2/21 1250	JB Pace MVL	11/02/21 1250
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Page 16 of 18

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #:
Collected By (print): Jamie Humphrey	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required: ASAP
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
	Compliance Monitoring? [ ] Yes [ ] No
	DW PWS ID #: DW Location Code:
	Immediately Packed on Ice: [✓] Yes [ ] No
	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: 923619MV			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs by 6200B	MADEP VPH	Lead	Lab Sample # / Comments
14226-HC-RD	DW	G	11/2/21	1150				8	X	X	X	92570047 001

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546903

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 2.9 oC
Cooler 1 Therm Corr. Factor: _____ oC
Cooler 1 Corrected Temp: 2.9 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Jamie Humphrey/Apex	11/2/21 1250	JS Pace HVL	11/02/21 1250
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92570047**

PM: AMB Due Date: 11/09/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						✓										7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 09, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-LI-2448
Pace Project No.: 92570099

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on November 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-LI-2448
Pace Project No.: 92570099

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-LI-2448
Pace Project No.: 92570099

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92570099001	**DUP -1**	Water	11/02/21 00:00	11/02/21 12:50
92570099002	**FB-1**	Water	11/02/21 00:00	11/02/21 12:50
92570099003	**TRIP BLANK**	Water	11/02/21 00:00	11/02/21 12:50

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SAMPLE ANALYTE COUNT

Project: 2020-LI-2448
Pace Project No.: 92570099

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92570099001	**DUP -1**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	64	PASI-C
92570099002	**FB-1**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	NSCQ	64	PASI-C
92570099003	**TRIP BLANK**	SM 6200B	NSCQ	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570099

Sample: DUP -1 **Lab ID: 92570099001** Collected: 11/02/21 00:00 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 01:30		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 01:30		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 01:30		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 01:30		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		11/06/21 01:30	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		11/06/21 01:30	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/05/21 05:08	11/08/21 19:34	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/04/21 21:30	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/04/21 21:30	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/04/21 21:30	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/04/21 21:30	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/04/21 21:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/04/21 21:30	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/04/21 21:30	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/04/21 21:30	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/04/21 21:30	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/04/21 21:30	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/04/21 21:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/04/21 21:30	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/04/21 21:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/04/21 21:30	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 21:30	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/04/21 21:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/04/21 21:30	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/04/21 21:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/04/21 21:30	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/04/21 21:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 21:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/04/21 21:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/04/21 21:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/04/21 21:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/04/21 21:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 21:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/04/21 21:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 21:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/04/21 21:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/04/21 21:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/04/21 21:30	142-28-9	

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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570099

Sample: DUP -1 **Lab ID: 92570099001** Collected: 11/02/21 00:00 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/04/21 21:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/04/21 21:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 21:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/04/21 21:30	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/04/21 21:30	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/04/21 21:30	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/04/21 21:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/04/21 21:30	87-68-3	M1
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/04/21 21:30	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/04/21 21:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/04/21 21:30	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/04/21 21:30	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/04/21 21:30	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/04/21 21:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/04/21 21:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/04/21 21:30	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/04/21 21:30	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/04/21 21:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/04/21 21:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/04/21 21:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/04/21 21:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/04/21 21:30	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/04/21 21:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/04/21 21:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/04/21 21:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/04/21 21:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/04/21 21:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/04/21 21:30	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/04/21 21:30	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/04/21 21:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/04/21 21:30	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		11/04/21 21:30	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		11/04/21 21:30	2037-26-5	

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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570099

Sample: FB-1 **Lab ID: 92570099002** Collected: 11/02/21 00:00 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/06/21 01:59		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/06/21 01:59		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/06/21 01:59		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/06/21 01:59		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		11/06/21 01:59	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		11/06/21 01:59	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/05/21 05:08	11/08/21 19:37	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 03:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 03:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 03:57	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 03:57	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 03:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 03:57	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 03:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 03:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 03:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 03:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 03:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 03:57	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 03:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 03:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 03:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 03:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 03:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 03:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 03:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 03:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 03:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 03:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 03:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 03:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 03:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 03:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 03:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 03:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 03:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 03:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 03:57	142-28-9	

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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570099

Sample: FB-1 **Lab ID: 92570099002** Collected: 11/02/21 00:00 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 03:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 03:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 03:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 03:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 03:57	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/05/21 03:57	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 03:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 03:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 03:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 03:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 03:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 03:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 03:57	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 03:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 03:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 03:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 03:57	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 03:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 03:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 03:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 03:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 03:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 03:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 03:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 03:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 03:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 03:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 03:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 03:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 03:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/05/21 03:57	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/05/21 03:57	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/05/21 03:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570099

Sample: TRIP BLANK **Lab ID: 92570099003** Collected: 11/02/21 00:00 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/05/21 04:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/05/21 04:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/05/21 04:15	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/05/21 04:15	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/05/21 04:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/05/21 04:15	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/05/21 04:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/05/21 04:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/05/21 04:15	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/05/21 04:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/05/21 04:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/05/21 04:15	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/05/21 04:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/05/21 04:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 04:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/05/21 04:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/05/21 04:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/05/21 04:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/05/21 04:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/05/21 04:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 04:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/05/21 04:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/05/21 04:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/05/21 04:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/05/21 04:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 04:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/05/21 04:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 04:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/05/21 04:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/05/21 04:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/05/21 04:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/05/21 04:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/05/21 04:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 04:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/05/21 04:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/05/21 04:15	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/05/21 04:15	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/05/21 04:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/05/21 04:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/05/21 04:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/05/21 04:15	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/05/21 04:15	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/05/21 04:15	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/05/21 04:15	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/05/21 04:15	100-42-5	

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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92570099

Sample: TRIP BLANK **Lab ID: 92570099003** Collected: 11/02/21 00:00 Received: 11/02/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/05/21 04:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/05/21 04:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/05/21 04:15	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/05/21 04:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/05/21 04:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/05/21 04:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/05/21 04:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/05/21 04:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/05/21 04:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/05/21 04:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/05/21 04:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/05/21 04:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/05/21 04:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/05/21 04:15	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/05/21 04:15	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/05/21 04:15	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		11/05/21 04:15	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/05/21 04:15	460-00-4	
Toluene-d8 (S)	105	%	70-130		1		11/05/21 04:15	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

QC Batch: 657981
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570099001, 92570099002

METHOD BLANK: 3449042 Matrix: Water
Associated Lab Samples: 92570099001, 92570099002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/05/21 16:34	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		11/05/21 16:34	
4-Bromofluorobenzene (PID) (S)	%	96	70-130		11/05/21 16:34	

LABORATORY CONTROL SAMPLE & LCSD: 3449043 3449044

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	278	283	93	94	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	103	108	103	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				105	105	70-130			
4-Bromofluorobenzene (PID) (S)	%				97	98	70-130			

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

QC Batch: 657727
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92570099001, 92570099002

METHOD BLANK: 3447806 Matrix: Water
Associated Lab Samples: 92570099001, 92570099002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/08/21 18:57	

LABORATORY CONTROL SAMPLE: 3447807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	498	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3447808 3447809

Parameter	Units	92570034001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	505	497	100	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

QC Batch: 657515
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92570099001

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570099001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/04/21 15:21	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/04/21 15:21	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/04/21 15:21	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/04/21 15:21	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/04/21 15:21	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/04/21 15:21	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/04/21 15:21	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/04/21 15:21	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/04/21 15:21	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/04/21 15:21	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/04/21 15:21	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/04/21 15:21	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/04/21 15:21	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/04/21 15:21	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/04/21 15:21	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Benzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromobenzene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Bromochloromethane	ug/L	ND	0.50	0.47	11/04/21 15:21	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/04/21 15:21	
Bromoform	ug/L	ND	0.50	0.34	11/04/21 15:21	
Bromomethane	ug/L	ND	5.0	1.7	11/04/21 15:21	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/04/21 15:21	
Chlorobenzene	ug/L	ND	0.50	0.28	11/04/21 15:21	
Chloroethane	ug/L	ND	1.0	0.65	11/04/21 15:21	
Chloroform	ug/L	ND	0.50	0.35	11/04/21 15:21	
Chloromethane	ug/L	ND	1.0	0.54	11/04/21 15:21	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/04/21 15:21	
Dibromomethane	ug/L	ND	0.50	0.39	11/04/21 15:21	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/04/21 15:21	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/04/21 15:21	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

METHOD BLANK: 3446670 Matrix: Water
Associated Lab Samples: 92570099001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	11/04/21 15:21	
Ethylbenzene	ug/L	ND	0.50	0.30	11/04/21 15:21	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/04/21 15:21	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/04/21 15:21	
m&p-Xylene	ug/L	ND	1.0	0.71	11/04/21 15:21	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/04/21 15:21	
Methylene Chloride	ug/L	ND	2.0	2.0	11/04/21 15:21	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/04/21 15:21	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/04/21 15:21	
Naphthalene	ug/L	ND	2.0	0.64	11/04/21 15:21	
o-Xylene	ug/L	ND	0.50	0.34	11/04/21 15:21	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/04/21 15:21	
Styrene	ug/L	ND	0.50	0.29	11/04/21 15:21	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/04/21 15:21	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/04/21 15:21	
Toluene	ug/L	ND	0.50	0.48	11/04/21 15:21	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/04/21 15:21	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/04/21 15:21	
Trichloroethene	ug/L	ND	0.50	0.38	11/04/21 15:21	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/04/21 15:21	
Vinyl chloride	ug/L	ND	1.0	0.39	11/04/21 15:21	
1,2-Dichloroethane-d4 (S)	%	98	70-130		11/04/21 15:21	
4-Bromofluorobenzene (S)	%	98	70-130		11/04/21 15:21	
Toluene-d8 (S)	%	102	70-130		11/04/21 15:21	

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.5	103	60-140	
1,1,1-Trichloroethane	ug/L	50	56.1	112	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	53.9	108	60-140	
1,1-Dichloroethane	ug/L	50	52.6	105	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	57.4	115	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.7	103	60-140	
1,2,3-Trichloropropane	ug/L	50	47.2	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.9	106	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.9	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.0	102	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.6	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	53.2	106	60-140	
1,2-Dichloropropane	ug/L	50	53.1	106	60-140	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,3-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,3-Dichloropropane	ug/L	50	50.8	102	60-140	
1,4-Dichlorobenzene	ug/L	50	49.2	98	60-140	
2,2-Dichloropropane	ug/L	50	58.1	116	60-140	
2-Chlorotoluene	ug/L	50	49.9	100	60-140	
4-Chlorotoluene	ug/L	50	47.2	94	60-140	
Benzene	ug/L	50	51.0	102	60-140	
Bromobenzene	ug/L	50	49.7	99	60-140	
Bromochloromethane	ug/L	50	53.7	107	60-140	
Bromodichloromethane	ug/L	50	50.2	100	60-140	
Bromoform	ug/L	50	53.3	107	60-140	
Bromomethane	ug/L	50	60.5	121	60-140	
Carbon tetrachloride	ug/L	50	57.0	114	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	52.2	104	60-140	
Chloroform	ug/L	50	52.2	104	60-140	
Chloromethane	ug/L	50	55.4	111	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.4	109	60-140	
Dibromomethane	ug/L	50	49.9	100	60-140	
Dichlorodifluoromethane	ug/L	50	58.6	117	60-140	
Diisopropyl ether	ug/L	50	56.8	114	60-140	
Ethanol	ug/L	2000	2280	114	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	57.8	116	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	56.5	113	60-140	
Methylene Chloride	ug/L	50	52.3	105	60-140	
n-Butylbenzene	ug/L	50	52.0	104	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	51.3	103	60-140	
o-Xylene	ug/L	50	48.1	96	60-140	
sec-Butylbenzene	ug/L	50	49.1	98	60-140	
Styrene	ug/L	50	51.6	103	60-140	
tert-Butylbenzene	ug/L	50	41.9	84	60-140	
Tetrachloroethene	ug/L	50	50.0	100	60-140	
Toluene	ug/L	50	48.7	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.3	107	60-140	
Trichloroethene	ug/L	50	52.6	105	60-140	
Trichlorofluoromethane	ug/L	50	49.9	100	60-140	
Vinyl chloride	ug/L	50	53.7	107	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

LABORATORY CONTROL SAMPLE: 3446671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.3	20.4	97	102	60-140	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.1	23.7	121	118	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.7	20.2	99	101	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.5	21.5	113	107	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.3	23.9	121	119	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.6	24.1	118	120	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	22.5	123	112	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.9	19.9	94	100	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.6	22.7	118	113	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.7	20.5	103	103	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	20.8	96	104	60-140	8	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.0	21.1	100	105	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.7	19.9	99	99	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.4	22.0	107	110	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.2	22.1	111	111	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.3	21.1	106	106	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	60-140	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.2	20.6	101	103	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.9	20.2	104	101	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.5	24.7	122	124	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	19.9	20.5	100	103	60-140	3	30	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.9	97	99	60-140	2	30	
Benzene	ug/L	ND	20	20	21.7	22.3	109	112	60-140	3	30	
Bromobenzene	ug/L	ND	20	20	20.7	20.3	104	102	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	22.7	22.0	114	110	60-140	3	30	
Bromodichloromethane	ug/L	ND	20	20	21.2	21.6	106	108	60-140	2	30	
Bromoform	ug/L	ND	20	20	19.5	20.0	98	100	60-140	3	30	
Bromomethane	ug/L	ND	20	20	27.5	26.8	137	134	60-140	2	30	
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.8	123	124	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Chloroethane	ug/L	ND	20	20	24.7	22.7	124	114	60-140	8	30	
Chloroform	ug/L	ND	20	20	21.7	21.8	109	109	60-140	1	30	
Chloromethane	ug/L	ND	20	20	22.5	20.7	113	103	60-140	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.3	21.7	112	108	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	20.8	21.0	104	105	60-140	1	30	
Dibromomethane	ug/L	ND	20	20	21.1	21.0	106	105	60-140	1	30	

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3446672 3446673

Parameter	Units	92570099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	25.9	25.1	130	125	60-140	3	30	
Diisopropyl ether	ug/L	ND	20	20	20.7	21.4	103	107	60-140	3	30	
Ethanol	ug/L	ND	800	800	950	1070	119	134	60-140	12	30	
Ethylbenzene	ug/L	ND	20	20	20.0	20.7	100	103	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.1	27.3	146	136	60-140	7	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.7	21.8	104	109	60-140	5	30	
m&p-Xylene	ug/L	ND	40	40	40.0	41.9	100	105	60-140	5	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.4	22.1	107	111	60-140	3	30	
Methylene Chloride	ug/L	ND	20	20	21.6	21.3	108	107	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	23.9	22.6	120	113	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	20.9	21.0	104	105	60-140	1	30	
Naphthalene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
o-Xylene	ug/L	ND	20	20	19.8	20.3	99	101	60-140	2	30	
sec-Butylbenzene	ug/L	ND	20	20	22.4	21.6	112	108	60-140	3	30	
Styrene	ug/L	ND	20	20	20.0	20.8	100	104	60-140	3	30	
tert-Butylbenzene	ug/L	ND	20	20	18.1	17.7	91	88	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	20.4	21.2	102	106	60-140	3	30	
Toluene	ug/L	ND	20	20	20.8	21.2	104	106	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.3	23.1	116	115	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	21.7	104	108	60-140	4	30	
Trichloroethene	ug/L	ND	20	20	22.7	22.9	113	114	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	30	
Vinyl chloride	ug/L	ND	20	20	23.3	22.6	117	113	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						98	99	70-130			
4-Bromofluorobenzene (S)	%						100	99	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

QC Batch: 657633
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92570099002, 92570099003

METHOD BLANK: 3447341 Matrix: Water
Associated Lab Samples: 92570099002, 92570099003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/05/21 03:22	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/05/21 03:22	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/05/21 03:22	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/05/21 03:22	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/05/21 03:22	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/05/21 03:22	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/05/21 03:22	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/05/21 03:22	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/05/21 03:22	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/05/21 03:22	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/05/21 03:22	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/05/21 03:22	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/05/21 03:22	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 03:22	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/05/21 03:22	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/05/21 03:22	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/05/21 03:22	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/05/21 03:22	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/05/21 03:22	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/05/21 03:22	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/05/21 03:22	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 03:22	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/05/21 03:22	
Benzene	ug/L	ND	0.50	0.34	11/05/21 03:22	
Bromobenzene	ug/L	ND	0.50	0.29	11/05/21 03:22	
Bromochloromethane	ug/L	ND	0.50	0.47	11/05/21 03:22	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/05/21 03:22	
Bromoform	ug/L	ND	0.50	0.34	11/05/21 03:22	
Bromomethane	ug/L	ND	5.0	1.7	11/05/21 03:22	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/05/21 03:22	
Chlorobenzene	ug/L	ND	0.50	0.28	11/05/21 03:22	
Chloroethane	ug/L	ND	1.0	0.65	11/05/21 03:22	
Chloroform	ug/L	ND	0.50	0.35	11/05/21 03:22	
Chloromethane	ug/L	ND	1.0	0.54	11/05/21 03:22	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/05/21 03:22	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 03:22	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/05/21 03:22	
Dibromomethane	ug/L	ND	0.50	0.39	11/05/21 03:22	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/05/21 03:22	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/05/21 03:22	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

METHOD BLANK: 3447341 Matrix: Water
Associated Lab Samples: 92570099002, 92570099003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	11/05/21 03:22	
Ethylbenzene	ug/L	ND	0.50	0.30	11/05/21 03:22	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/05/21 03:22	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/05/21 03:22	
m&p-Xylene	ug/L	ND	1.0	0.71	11/05/21 03:22	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/05/21 03:22	
Methylene Chloride	ug/L	ND	2.0	2.0	11/05/21 03:22	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/05/21 03:22	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/05/21 03:22	
Naphthalene	ug/L	ND	2.0	0.64	11/05/21 03:22	
o-Xylene	ug/L	ND	0.50	0.34	11/05/21 03:22	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/05/21 03:22	
Styrene	ug/L	ND	0.50	0.29	11/05/21 03:22	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/05/21 03:22	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/05/21 03:22	
Toluene	ug/L	ND	0.50	0.48	11/05/21 03:22	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/05/21 03:22	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/05/21 03:22	
Trichloroethene	ug/L	ND	0.50	0.38	11/05/21 03:22	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/05/21 03:22	
Vinyl chloride	ug/L	ND	1.0	0.39	11/05/21 03:22	
1,2-Dichloroethane-d4 (S)	%	96	70-130		11/05/21 03:22	
4-Bromofluorobenzene (S)	%	99	70-130		11/05/21 03:22	
Toluene-d8 (S)	%	106	70-130		11/05/21 03:22	

LABORATORY CONTROL SAMPLE: 3447342

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.9	98	60-140	
1,1,1-Trichloroethane	ug/L	50	54.3	109	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	60-140	
1,1,2-Trichloroethane	ug/L	50	52.2	104	60-140	
1,1-Dichloroethane	ug/L	50	50.6	101	60-140	
1,1-Dichloroethene	ug/L	50	51.7	103	60-140	
1,1-Dichloropropene	ug/L	50	53.4	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.5	99	60-140	
1,2,3-Trichloropropane	ug/L	50	46.0	92	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.5	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.4	93	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.4	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	60-140	
1,2-Dichlorobenzene	ug/L	50	45.2	90	60-140	
1,2-Dichloroethane	ug/L	50	50.8	102	60-140	
1,2-Dichloropropane	ug/L	50	51.6	103	60-140	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

LABORATORY CONTROL SAMPLE: 3447342

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	60-140	
1,3-Dichlorobenzene	ug/L	50	46.3	93	60-140	
1,3-Dichloropropane	ug/L	50	49.4	99	60-140	
1,4-Dichlorobenzene	ug/L	50	46.4	93	60-140	
2,2-Dichloropropane	ug/L	50	50.3	101	60-140	
2-Chlorotoluene	ug/L	50	46.4	93	60-140	
4-Chlorotoluene	ug/L	50	45.1	90	60-140	
Benzene	ug/L	50	49.4	99	60-140	
Bromobenzene	ug/L	50	47.4	95	60-140	
Bromochloromethane	ug/L	50	52.2	104	60-140	
Bromodichloromethane	ug/L	50	50.2	100	60-140	
Bromoform	ug/L	50	50.4	101	60-140	
Bromomethane	ug/L	50	55.0	110	60-140	
Carbon tetrachloride	ug/L	50	53.8	108	60-140	
Chlorobenzene	ug/L	50	45.7	91	60-140	
Chloroethane	ug/L	50	48.6	97	60-140	
Chloroform	ug/L	50	50.2	100	60-140	
Chloromethane	ug/L	50	51.7	103	60-140	
cis-1,2-Dichloroethene	ug/L	50	49.1	98	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	60-140	
Dibromochloromethane	ug/L	50	51.5	103	60-140	
Dibromomethane	ug/L	50	50.1	100	60-140	
Dichlorodifluoromethane	ug/L	50	54.3	109	60-140	
Diisopropyl ether	ug/L	50	52.9	106	60-140	
Ethanol	ug/L	2000	2530	126	60-140	
Ethylbenzene	ug/L	50	46.8	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.6	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.5	97	60-140	
m&p-Xylene	ug/L	100	93.9	94	60-140	
Methyl-tert-butyl ether	ug/L	50	54.1	108	60-140	
Methylene Chloride	ug/L	50	49.5	99	60-140	
n-Butylbenzene	ug/L	50	47.2	94	60-140	
n-Propylbenzene	ug/L	50	46.6	93	60-140	
Naphthalene	ug/L	50	49.7	99	60-140	
o-Xylene	ug/L	50	47.1	94	60-140	
sec-Butylbenzene	ug/L	50	46.3	93	60-140	
Styrene	ug/L	50	48.8	98	60-140	
tert-Butylbenzene	ug/L	50	39.1	78	60-140	
Tetrachloroethene	ug/L	50	47.0	94	60-140	
Toluene	ug/L	50	46.9	94	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.0	102	60-140	
Trichloroethene	ug/L	50	50.6	101	60-140	
Trichlorofluoromethane	ug/L	50	47.3	95	60-140	
Vinyl chloride	ug/L	50	50.0	100	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

LABORATORY CONTROL SAMPLE: 3447342

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3447343 3447344

Parameter	Units	92570540001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.6	20.5	108	103	60-140	5	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.1	24.5	120	122	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.5	20.7	107	104	60-140	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	23.7	23.4	119	117	60-140	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	23.1	23.2	116	116	60-140	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.1	24.2	120	121	60-140	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	24.3	25.1	122	126	60-140	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.2	22.6	111	113	60-140	2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	21.2	19.4	106	97	60-140	9	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.1	21.8	110	109	60-140	1	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.2	21.1	106	106	60-140	0	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.4	21.8	112	109	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.4	21.4	112	107	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.8	20.3	104	101	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	22.3	22.5	112	112	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	23.6	23.1	118	115	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.6	21.7	108	108	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.9	21.0	104	105	60-140	1	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.3	21.4	111	107	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.3	20.9	106	104	60-140	2	30	
2,2-Dichloropropane	ug/L	ND	20	20	25.0	25.4	125	127	60-140	2	30	
2-Chlorotoluene	ug/L	ND	20	20	21.1	21.3	106	106	60-140	1	30	
4-Chlorotoluene	ug/L	ND	20	20	20.5	20.5	102	103	60-140	0	30	
Benzene	ug/L	ND	20	20	23.5	22.8	117	114	60-140	3	30	
Bromobenzene	ug/L	ND	20	20	22.0	22.0	110	110	60-140	0	30	
Bromochloromethane	ug/L	ND	20	20	23.9	23.7	119	118	60-140	1	30	
Bromodichloromethane	ug/L	ND	20	20	22.2	22.0	111	110	60-140	1	30	
Bromoform	ug/L	ND	20	20	21.1	20.9	105	105	60-140	1	30	
Bromomethane	ug/L	ND	20	20	24.9	25.8	125	129	60-140	3	30	
Carbon tetrachloride	ug/L	ND	20	20	25.4	24.8	127	124	60-140	3	30	
Chlorobenzene	ug/L	ND	20	20	21.3	20.9	107	104	60-140	2	30	
Chloroethane	ug/L	ND	20	20	24.8	23.9	124	120	60-140	4	30	
Chloroform	ug/L	ND	20	20	23.0	23.0	115	115	60-140	0	30	
Chloromethane	ug/L	ND	20	20	19.9	20.1	99	100	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.7	22.8	114	114	60-140	0	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.2	22.7	116	114	60-140	2	30	
Dibromochloromethane	ug/L	ND	20	20	22.6	21.7	113	108	60-140	4	30	
Dibromomethane	ug/L	ND	20	20	22.4	22.3	112	112	60-140	0	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92570099

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3447343 3447344

Parameter	Units	92570540001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	23.0	23.1	115	116	60-140	1	30	
Diisopropyl ether	ug/L	ND	20	20	22.7	23.0	114	115	60-140	1	30	
Ethanol	ug/L	ND	800	800	988	973	124	122	60-140	2	30	
Ethylbenzene	ug/L	ND	20	20	21.6	21.3	108	106	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.0	26.1	130	131	60-140	0	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.3	21.4	112	107	60-140	4	30	
m&p-Xylene	ug/L	ND	40	40	42.5	41.5	106	104	60-140	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	23.4	23.3	117	117	60-140	0	30	
Methylene Chloride	ug/L	ND	20	20	21.8	22.0	109	110	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	22.4	22.2	112	111	60-140	1	30	
n-Propylbenzene	ug/L	ND	20	20	21.8	21.8	109	109	60-140	0	30	
Naphthalene	ug/L	ND	20	20	20.8	20.9	104	105	60-140	0	30	
o-Xylene	ug/L	ND	20	20	20.8	20.6	104	103	60-140	1	30	
sec-Butylbenzene	ug/L	ND	20	20	21.7	21.3	108	107	60-140	2	30	
Styrene	ug/L	ND	20	20	21.6	21.5	108	108	60-140	1	30	
tert-Butylbenzene	ug/L	ND	20	20	18.2	18.1	91	90	60-140	1	30	
Tetrachloroethene	ug/L	ND	20	20	22.0	20.9	110	104	60-140	5	30	
Toluene	ug/L	ND	20	20	22.2	21.5	111	108	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.0	24.3	120	122	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30	
Trichloroethene	ug/L	ND	20	20	23.7	23.6	118	118	60-140	0	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.1	22.1	110	111	60-140	0	30	
Vinyl chloride	ug/L	ND	20	20	22.5	23.0	113	115	60-140	2	30	
1,2-Dichloroethane-d4 (S)	%						95	95	70-130			
4-Bromofluorobenzene (S)	%						98	98	70-130			
Toluene-d8 (S)	%						100	98	70-130			

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QUALIFIERS

Project: 2020-LI-2448
Pace Project No.: 92570099

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-LI-2448
Pace Project No.: 92570099

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92570099001	**DUP -1**	MADEP VPH	657981		
92570099002	**FB-1**	MADEP VPH	657981		
92570099001	**DUP -1**	EPA 3010A	657727	EPA 6010D	657746
92570099002	**FB-1**	EPA 3010A	657727	EPA 6010D	657746
92570099001	**DUP -1**	SM 6200B	657515		
92570099002	**FB-1**	SM 6200B	657633		
92570099003	**TRIP BLANK**	SM 6200B	657633		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY

WO# : 92570099

92570099

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Jamie Humphrey	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Jamie Humphrey	Turnaround Date Required: ASAP Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs by 6200B	MADEP VPH	Lead	Lab Sample # / Comments
Dup-1	DW	G	11/2/21					8	X	X	X	92597009 001
FB-1	DW	G	11/2/21					8	X	X	X	002
Trip Blank	OT	—	11/2/21					2	X			003

Container Preservative Type **

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	(NA)
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 223089AV			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

92597009
001
002
003

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546898

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 2.9 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 2.9 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
James Humphrey / Apex	11/2/21 1250	JB Pace MVL	11/02/21 1250
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N (NA)
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: 1 of: 1

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92570099**

PM: AMB Due Date: 11/09/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1 ✓										7													
2						1 ✓										7													
3																2													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 16, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92571544

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92571544

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92571544

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92571544001	**13800_HC_RD**	Water	11/09/21 09:00	11/09/21 13:20

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92571544

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92571544001	**13800_HC_RD**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571544

Sample: 13800_HC_RD **Lab ID: 92571544001** Collected: 11/09/21 09:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/10/21 13:55		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/10/21 13:55		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/10/21 13:55		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/10/21 13:55		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		11/10/21 13:55	460-00-4	
4-Bromofluorobenzene (PID) (S)	93	%	70-130		1		11/10/21 13:55	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/12/21 12:13	11/16/21 02:52	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/10/21 16:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/10/21 16:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/10/21 16:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/10/21 16:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/10/21 16:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/10/21 16:41	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/10/21 16:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/10/21 16:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/10/21 16:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/10/21 16:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/10/21 16:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/10/21 16:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/10/21 16:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/10/21 16:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 16:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/10/21 16:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/10/21 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/10/21 16:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/10/21 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/10/21 16:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/10/21 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/10/21 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/10/21 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/10/21 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/10/21 16:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/10/21 16:41	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571544

Sample: 13800_HC_RD **Lab ID: 92571544001** Collected: 11/09/21 09:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/10/21 16:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/10/21 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 16:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/10/21 16:41	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/10/21 16:41	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/10/21 16:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/10/21 16:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/10/21 16:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/10/21 16:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/10/21 16:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/10/21 16:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/10/21 16:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/10/21 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/10/21 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/10/21 16:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/10/21 16:41	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/10/21 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/10/21 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/10/21 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/10/21 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 16:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/10/21 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/10/21 16:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/10/21 16:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/10/21 16:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/10/21 16:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/10/21 16:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/10/21 16:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		11/10/21 16:41	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		11/10/21 16:41	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		11/10/21 16:41	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571544

QC Batch: 658799
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571544001

METHOD BLANK: 3452786 Matrix: Water
Associated Lab Samples: 92571544001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/10/21 13:27	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/10/21 13:27	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		11/10/21 13:27	
4-Bromofluorobenzene (PID) (S)	%	91	70-130		11/10/21 13:27	

LABORATORY CONTROL SAMPLE & LCSD: 3452787 3452788

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	283	270	94	90	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	105	102	105	102	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				91	90	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571544

QC Batch: 659439
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92571544001

METHOD BLANK: 3455976 Matrix: Water
Associated Lab Samples: 92571544001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/15/21 04:27	

LABORATORY CONTROL SAMPLE: 3455977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	502	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3455978 3455979

Parameter	Units	92569641006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	491	590	98	118	75-125	18	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571544

QC Batch: 658752
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92571544001

METHOD BLANK: 3452552 Matrix: Water
Associated Lab Samples: 92571544001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/10/21 13:42	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/10/21 13:42	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/10/21 13:42	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/10/21 13:42	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/10/21 13:42	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/10/21 13:42	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/10/21 13:42	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/10/21 13:42	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/10/21 13:42	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/10/21 13:42	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/10/21 13:42	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/10/21 13:42	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/10/21 13:42	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/10/21 13:42	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/10/21 13:42	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/10/21 13:42	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/10/21 13:42	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/10/21 13:42	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/10/21 13:42	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/10/21 13:42	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/10/21 13:42	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/10/21 13:42	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/10/21 13:42	
Benzene	ug/L	ND	0.50	0.34	11/10/21 13:42	
Bromobenzene	ug/L	ND	0.50	0.29	11/10/21 13:42	
Bromochloromethane	ug/L	ND	0.50	0.47	11/10/21 13:42	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/10/21 13:42	
Bromoform	ug/L	ND	0.50	0.34	11/10/21 13:42	
Bromomethane	ug/L	ND	5.0	1.7	11/10/21 13:42	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/10/21 13:42	
Chlorobenzene	ug/L	ND	0.50	0.28	11/10/21 13:42	
Chloroethane	ug/L	ND	1.0	0.65	11/10/21 13:42	
Chloroform	ug/L	ND	0.50	0.35	11/10/21 13:42	
Chloromethane	ug/L	ND	1.0	0.54	11/10/21 13:42	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/10/21 13:42	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/10/21 13:42	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/10/21 13:42	
Dibromomethane	ug/L	ND	0.50	0.39	11/10/21 13:42	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/10/21 13:42	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/10/21 13:42	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571544

METHOD BLANK: 3452552 Matrix: Water
Associated Lab Samples: 92571544001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	11/10/21 13:42	
Ethylbenzene	ug/L	ND	0.50	0.30	11/10/21 13:42	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/10/21 13:42	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/10/21 13:42	
m&p-Xylene	ug/L	ND	1.0	0.71	11/10/21 13:42	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/10/21 13:42	
Methylene Chloride	ug/L	ND	2.0	2.0	11/10/21 13:42	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/10/21 13:42	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/10/21 13:42	
Naphthalene	ug/L	ND	2.0	0.64	11/10/21 13:42	
o-Xylene	ug/L	ND	0.50	0.34	11/10/21 13:42	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/10/21 13:42	
Styrene	ug/L	ND	0.50	0.29	11/10/21 13:42	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/10/21 13:42	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/10/21 13:42	
Toluene	ug/L	ND	0.50	0.48	11/10/21 13:42	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/10/21 13:42	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/10/21 13:42	
Trichloroethene	ug/L	ND	0.50	0.38	11/10/21 13:42	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/10/21 13:42	
Vinyl chloride	ug/L	ND	1.0	0.39	11/10/21 13:42	
1,2-Dichloroethane-d4 (S)	%	91	70-130		11/10/21 13:42	
4-Bromofluorobenzene (S)	%	95	70-130		11/10/21 13:42	
Toluene-d8 (S)	%	96	70-130		11/10/21 13:42	

LABORATORY CONTROL SAMPLE: 3452553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.9	104	60-140	
1,1,1-Trichloroethane	ug/L	50	43.8	88	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.0	96	60-140	
1,1,2-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1-Dichloroethane	ug/L	50	42.5	85	60-140	
1,1-Dichloroethene	ug/L	50	42.9	86	60-140	
1,1-Dichloropropene	ug/L	50	42.4	85	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.9	108	60-140	
1,2,3-Trichloropropane	ug/L	50	44.0	88	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.5	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.2	90	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	56.5	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.6	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.8	98	60-140	
1,2-Dichloroethane	ug/L	50	38.3	77	60-140	
1,2-Dichloropropane	ug/L	50	43.8	88	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571544

LABORATORY CONTROL SAMPLE: 3452553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	46.6	93	60-140	
1,3-Dichlorobenzene	ug/L	50	48.0	96	60-140	
1,3-Dichloropropane	ug/L	50	45.5	91	60-140	
1,4-Dichlorobenzene	ug/L	50	48.5	97	60-140	
2,2-Dichloropropane	ug/L	50	44.6	89	60-140	
2-Chlorotoluene	ug/L	50	46.7	93	60-140	
4-Chlorotoluene	ug/L	50	44.0	88	60-140	
Benzene	ug/L	50	45.8	92	60-140	
Bromobenzene	ug/L	50	49.5	99	60-140	
Bromochloromethane	ug/L	50	45.7	91	60-140	
Bromodichloromethane	ug/L	50	46.1	92	60-140	
Bromoform	ug/L	50	56.5	113	60-140	
Bromomethane	ug/L	50	37.7	75	60-140	
Carbon tetrachloride	ug/L	50	50.0	100	60-140	
Chlorobenzene	ug/L	50	49.6	99	60-140	
Chloroethane	ug/L	50	47.8	96	60-140	
Chloroform	ug/L	50	42.4	85	60-140	
Chloromethane	ug/L	50	43.1	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.0	84	60-140	
cis-1,3-Dichloropropene	ug/L	50	44.4	89	60-140	
Dibromochloromethane	ug/L	50	54.2	108	60-140	
Dibromomethane	ug/L	50	50.4	101	60-140	
Dichlorodifluoromethane	ug/L	50	56.8	114	60-140	
Diisopropyl ether	ug/L	50	39.2	78	60-140	
Ethanol	ug/L	2000	1830	91	60-140	
Ethylbenzene	ug/L	50	47.9	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.4	113	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.9	104	60-140	
m&p-Xylene	ug/L	100	96.8	97	60-140	
Methyl-tert-butyl ether	ug/L	50	41.7	83	60-140	
Methylene Chloride	ug/L	50	44.2	88	60-140	
n-Butylbenzene	ug/L	50	45.7	91	60-140	
n-Propylbenzene	ug/L	50	45.1	90	60-140	
Naphthalene	ug/L	50	50.8	102	60-140	
o-Xylene	ug/L	50	49.5	99	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	50.4	101	60-140	
tert-Butylbenzene	ug/L	50	40.0	80	60-140	
Tetrachloroethene	ug/L	50	54.4	109	60-140	
Toluene	ug/L	50	45.4	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	42.3	85	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.1	88	60-140	
Trichloroethene	ug/L	50	50.5	101	60-140	
Trichlorofluoromethane	ug/L	50	49.4	99	60-140	
Vinyl chloride	ug/L	50	46.4	93	60-140	
1,2-Dichloroethane-d4 (S)	%			85	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571544

LABORATORY CONTROL SAMPLE: 3452553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3452554 3452555

Parameter	Units	92571250001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.0	20.5	100	103	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	18.8	19.1	94	96	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.5	18.8	92	94	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.4	19.0	97	95	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	17.4	18.0	87	90	60-140	3	30	
1,1-Dichloroethene	ug/L	ND	20	20	18.3	19.6	92	98	60-140	7	30	
1,1-Dichloropropene	ug/L	ND	20	20	18.4	19.5	92	97	60-140	5	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.0	20.8	95	104	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	16.5	17.7	83	89	60-140	7	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.7	20.1	93	100	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.1	18.4	86	92	60-140	7	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	20.7	96	103	60-140	7	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.8	19.6	94	98	60-140	4	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.0	19.3	90	97	60-140	7	30	
1,2-Dichloroethane	ug/L	ND	20	20	15.8	16.6	79	83	60-140	5	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.2	18.2	91	91	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.2	19.3	91	96	60-140	6	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	17.5	19.0	87	95	60-140	8	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.6	18.1	88	90	60-140	3	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.3	19.1	87	95	60-140	10	30	
2,2-Dichloropropane	ug/L	ND	20	20	17.3	18.3	86	92	60-140	6	30	
2-Chlorotoluene	ug/L	ND	20	20	18.1	19.5	90	97	60-140	8	30	
4-Chlorotoluene	ug/L	ND	20	20	16.6	17.9	83	90	60-140	8	30	
Benzene	ug/L	ND	20	20	18.7	19.0	94	95	60-140	1	30	
Bromobenzene	ug/L	ND	20	20	19.1	20.4	96	102	60-140	6	30	
Bromochloromethane	ug/L	ND	20	20	18.8	19.1	94	96	60-140	1	30	
Bromodichloromethane	ug/L	ND	20	20	18.0	18.3	90	91	60-140	2	30	
Bromoform	ug/L	ND	20	20	18.9	20.2	94	101	60-140	7	30	
Bromomethane	ug/L	ND	20	20	10.9	15.3	55	76	60-140	33	30	M1,R1
Carbon tetrachloride	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
Chlorobenzene	ug/L	ND	20	20	19.2	20.4	96	102	60-140	6	30	
Chloroethane	ug/L	ND	20	20	23.9	24.5	120	122	60-140	2	30	
Chloroform	ug/L	ND	20	20	18.1	18.2	90	91	60-140	1	30	
Chloromethane	ug/L	ND	20	20	17.0	18.1	85	91	60-140	6	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.6	18.3	88	92	60-140	4	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.6	17.9	88	90	60-140	2	30	
Dibromochloromethane	ug/L	ND	20	20	19.7	20.8	98	104	60-140	6	30	
Dibromomethane	ug/L	ND	20	20	19.8	20.4	99	102	60-140	3	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571544

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3452554 3452555

Parameter	Units	92571250001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	22.8	23.5	114	118	60-140	3	30	
Diisopropyl ether	ug/L	ND	20	20	15.9	16.5	80	83	60-140	4	30	
Ethanol	ug/L	ND	800	800	707	713	88	89	60-140	1	30	
Ethylbenzene	ug/L	ND	20	20	18.9	19.9	94	99	60-140	5	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.3	22.0	102	110	60-140	8	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.0	20.7	100	104	60-140	4	30	
m&p-Xylene	ug/L	ND	40	40	37.5	39.7	94	99	60-140	6	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	16.4	17.5	82	88	60-140	6	30	
Methylene Chloride	ug/L	ND	20	20	18.0	19.0	90	95	60-140	5	30	
n-Butylbenzene	ug/L	ND	20	20	17.7	18.7	88	93	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	17.7	18.8	88	94	60-140	6	30	
Naphthalene	ug/L	ND	20	20	16.7	18.8	84	94	60-140	12	30	
o-Xylene	ug/L	ND	20	20	18.9	19.7	94	98	60-140	4	30	
sec-Butylbenzene	ug/L	ND	20	20	18.5	19.8	92	99	60-140	7	30	
Styrene	ug/L	ND	20	20	17.6	18.9	88	94	60-140	7	30	
tert-Butylbenzene	ug/L	ND	20	20	15.9	16.7	79	84	60-140	5	30	
Tetrachloroethene	ug/L	ND	20	20	20.7	22.5	104	112	60-140	8	30	
Toluene	ug/L	ND	20	20	19.1	19.5	95	98	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	17.6	18.3	88	91	60-140	4	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	16.7	17.3	84	87	60-140	4	30	
Trichloroethene	ug/L	ND	20	20	20.4	21.5	102	108	60-140	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	18.5	19.3	92	96	60-140	4	30	
Vinyl chloride	ug/L	ND	20	20	19.4	20.3	97	102	60-140	5	30	
1,2-Dichloroethane-d4 (S)	%						91	84	70-130			
4-Bromofluorobenzene (S)	%						96	95	70-130			
Toluene-d8 (S)	%						96	95	70-130			

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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92571544

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92571544

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92571544001	**13800_HC_RD**	MADEP VPH	658799		
92571544001	**13800_HC_RD**	EPA 3010A	659439	EPA 6010D	659582
92571544001	**13800_HC_RD**	SM 6200B	658752		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 92571544

92571544

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #:
Collected By (print): Jamie Humphrey	Purchase Order #: Quote #:
Collected By (signature): Jamie Humphrey	Turnaround Date Required: ASAP
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #:

DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs by 6200B	MADEP VPH	Lead	Lab Sample # / Comments
13800_HC_RD	DW	G	11/9/21	0900				8	X	X	X	001

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 223819AV			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:

Lab Sample # / Comments:

92571544

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2546904

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: 920064

Cooler 1 Temp Upon Receipt: 4.7 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 4.7 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
James Johnson/Apex	11/9/21 1320	KS Pace HVL	11/9/21 1320
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y (N) NA

HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: 1 of: 1

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92571544**

PM: AMB Due Date: 11/16/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 16, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92571547

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92571547

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92571547

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92571547001	**14401_HC_RD**	Water	11/09/21 10:00	11/09/21 13:20

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92571547

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92571547001	**14401_HC_RD**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571547

Sample: 14401_HC_RD **Lab ID: 92571547001** Collected: 11/09/21 10:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/10/21 14:24		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/10/21 14:24		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/10/21 14:24		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/10/21 14:24		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/10/21 14:24	460-00-4	
4-Bromofluorobenzene (PID) (S)	91	%	70-130		1		11/10/21 14:24	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/12/21 12:13	11/16/21 02:55	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/10/21 19:20	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/10/21 19:20	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/10/21 19:20	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/10/21 19:20	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/10/21 19:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/10/21 19:20	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/10/21 19:20	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/10/21 19:20	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/10/21 19:20	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/10/21 19:20	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/10/21 19:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/10/21 19:20	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/10/21 19:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/10/21 19:20	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 19:20	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 19:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/10/21 19:20	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/10/21 19:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/10/21 19:20	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/10/21 19:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 19:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 19:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/10/21 19:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/10/21 19:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/10/21 19:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 19:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/10/21 19:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 19:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/10/21 19:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/10/21 19:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/10/21 19:20	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571547

Sample: 14401_HC_RD **Lab ID: 92571547001** Collected: 11/09/21 10:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/10/21 19:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/10/21 19:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 19:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 19:20	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/10/21 19:20	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/10/21 19:20	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/10/21 19:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/10/21 19:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/10/21 19:20	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/10/21 19:20	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/10/21 19:20	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/10/21 19:20	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/10/21 19:20	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/10/21 19:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/10/21 19:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/10/21 19:20	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/10/21 19:20	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/10/21 19:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/10/21 19:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/10/21 19:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/10/21 19:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 19:20	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 19:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/10/21 19:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/10/21 19:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/10/21 19:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/10/21 19:20	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/10/21 19:20	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/10/21 19:20	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/10/21 19:20	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		11/10/21 19:20	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/10/21 19:20	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		11/10/21 19:20	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571547

QC Batch: 658799
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571547001

METHOD BLANK: 3452786 Matrix: Water
Associated Lab Samples: 92571547001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/10/21 13:27	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/10/21 13:27	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		11/10/21 13:27	
4-Bromofluorobenzene (PID) (S)	%	91	70-130		11/10/21 13:27	

LABORATORY CONTROL SAMPLE & LCSD: 3452787 3452788

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	283	270	94	90	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	105	102	105	102	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				91	90	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571547

QC Batch: 659439
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92571547001

METHOD BLANK: 3455976 Matrix: Water
Associated Lab Samples: 92571547001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/15/21 04:27	

LABORATORY CONTROL SAMPLE: 3455977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	502	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3455978 3455979

Parameter	Units	92569641006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	491	590	98	118	75-125	18	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571547

QC Batch: 658756
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92571547001

METHOD BLANK: 3452563 Matrix: Water
Associated Lab Samples: 92571547001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/10/21 17:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/10/21 17:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/10/21 17:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/10/21 17:52	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/10/21 17:52	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/10/21 17:52	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/10/21 17:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/10/21 17:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/10/21 17:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/10/21 17:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/10/21 17:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/10/21 17:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/10/21 17:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/10/21 17:52	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/10/21 17:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/10/21 17:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/10/21 17:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/10/21 17:52	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/10/21 17:52	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/10/21 17:52	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/10/21 17:52	
Benzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
Bromobenzene	ug/L	ND	0.50	0.29	11/10/21 17:52	
Bromochloromethane	ug/L	ND	0.50	0.47	11/10/21 17:52	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/10/21 17:52	
Bromoform	ug/L	ND	0.50	0.34	11/10/21 17:52	
Bromomethane	ug/L	ND	5.0	1.7	11/10/21 17:52	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/10/21 17:52	
Chlorobenzene	ug/L	ND	0.50	0.28	11/10/21 17:52	
Chloroethane	ug/L	ND	1.0	0.65	11/10/21 17:52	
Chloroform	ug/L	ND	0.50	0.35	11/10/21 17:52	
Chloromethane	ug/L	ND	1.0	0.54	11/10/21 17:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/10/21 17:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/10/21 17:52	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/10/21 17:52	
Dibromomethane	ug/L	ND	0.50	0.39	11/10/21 17:52	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/10/21 17:52	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/10/21 17:52	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571547

METHOD BLANK: 3452563 Matrix: Water
Associated Lab Samples: 92571547001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	11/10/21 17:52	
Ethylbenzene	ug/L	ND	0.50	0.30	11/10/21 17:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/10/21 17:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/10/21 17:52	
m&p-Xylene	ug/L	ND	1.0	0.71	11/10/21 17:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/10/21 17:52	
Methylene Chloride	ug/L	ND	2.0	2.0	11/10/21 17:52	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/10/21 17:52	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
Naphthalene	ug/L	ND	2.0	0.64	11/10/21 17:52	
o-Xylene	ug/L	ND	0.50	0.34	11/10/21 17:52	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/10/21 17:52	
Styrene	ug/L	ND	0.50	0.29	11/10/21 17:52	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/10/21 17:52	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/10/21 17:52	
Toluene	ug/L	ND	0.50	0.48	11/10/21 17:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/10/21 17:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/10/21 17:52	
Trichloroethene	ug/L	ND	0.50	0.38	11/10/21 17:52	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/10/21 17:52	
Vinyl chloride	ug/L	ND	1.0	0.39	11/10/21 17:52	
1,2-Dichloroethane-d4 (S)	%	91	70-130		11/10/21 17:52	
4-Bromofluorobenzene (S)	%	97	70-130		11/10/21 17:52	
Toluene-d8 (S)	%	102	70-130		11/10/21 17:52	

LABORATORY CONTROL SAMPLE: 3452564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.8	106	60-140	
1,1,1-Trichloroethane	ug/L	50	49.8	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.2	102	60-140	
1,1,2-Trichloroethane	ug/L	50	53.4	107	60-140	
1,1-Dichloroethane	ug/L	50	47.2	94	60-140	
1,1-Dichloroethene	ug/L	50	49.8	100	60-140	
1,1-Dichloropropene	ug/L	50	51.3	103	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.5	113	60-140	
1,2,3-Trichloropropane	ug/L	50	48.2	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.2	114	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.4	107	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.3	117	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	54.2	108	60-140	
1,2-Dichlorobenzene	ug/L	50	53.1	106	60-140	
1,2-Dichloroethane	ug/L	50	47.1	94	60-140	
1,2-Dichloropropane	ug/L	50	51.1	102	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571547

LABORATORY CONTROL SAMPLE: 3452564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	55.0	110	60-140	
1,3-Dichlorobenzene	ug/L	50	52.7	105	60-140	
1,3-Dichloropropane	ug/L	50	53.4	107	60-140	
1,4-Dichlorobenzene	ug/L	50	53.8	108	60-140	
2,2-Dichloropropane	ug/L	50	51.0	102	60-140	
2-Chlorotoluene	ug/L	50	53.6	107	60-140	
4-Chlorotoluene	ug/L	50	51.4	103	60-140	
Benzene	ug/L	50	50.4	101	60-140	
Bromobenzene	ug/L	50	54.2	108	60-140	
Bromochloromethane	ug/L	50	49.3	99	60-140	
Bromodichloromethane	ug/L	50	49.8	100	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	48.0	96	60-140	
Carbon tetrachloride	ug/L	50	53.1	106	60-140	
Chlorobenzene	ug/L	50	50.0	100	60-140	
Chloroethane	ug/L	50	45.6	91	60-140	
Chloroform	ug/L	50	47.2	94	60-140	
Chloromethane	ug/L	50	49.0	98	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.8	94	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.5	107	60-140	
Dibromochloromethane	ug/L	50	55.3	111	60-140	
Dibromomethane	ug/L	50	48.4	97	60-140	
Dichlorodifluoromethane	ug/L	50	54.8	110	60-140	
Diisopropyl ether	ug/L	50	52.5	105	60-140	
Ethanol	ug/L	2000	2310	116	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	59.8	120	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.4	105	60-140	
m&p-Xylene	ug/L	100	100	100	60-140	
Methyl-tert-butyl ether	ug/L	50	51.8	104	60-140	
Methylene Chloride	ug/L	50	48.0	96	60-140	
n-Butylbenzene	ug/L	50	55.2	110	60-140	
n-Propylbenzene	ug/L	50	54.0	108	60-140	
Naphthalene	ug/L	50	56.5	113	60-140	
o-Xylene	ug/L	50	50.1	100	60-140	
sec-Butylbenzene	ug/L	50	53.0	106	60-140	
Styrene	ug/L	50	52.8	106	60-140	
tert-Butylbenzene	ug/L	50	44.9	90	60-140	
Tetrachloroethene	ug/L	50	52.6	105	60-140	
Toluene	ug/L	50	48.6	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	49.0	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.0	104	60-140	
Trichloroethene	ug/L	50	51.3	103	60-140	
Trichlorofluoromethane	ug/L	50	44.9	90	60-140	
Vinyl chloride	ug/L	50	49.1	98	60-140	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571547

LABORATORY CONTROL SAMPLE: 3452564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3452565 3452566

Parameter	Units	92570300001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	100	109	100	109	60-140	9	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	108	112	108	112	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	101	111	101	111	60-140	10	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	105	113	105	113	60-140	7	30	
1,1-Dichloroethane	ug/L	ND	100	100	104	108	104	108	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	100	100	111	115	111	115	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	100	100	107	110	107	110	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	100	100	106	111	106	111	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	102	110	102	110	60-140	8	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	102	109	102	109	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	550	100	100	642	667	92	118	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	108	112	108	112	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	101	110	101	110	60-140	9	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	102	106	102	106	60-140	4	30	
1,2-Dichloroethane	ug/L	ND	100	100	105	109	105	109	60-140	4	30	
1,2-Dichloropropane	ug/L	ND	100	100	107	113	107	113	60-140	5	30	
1,3,5-Trimethylbenzene	ug/L	ND	100	100	155	161	155	161	60-140	4	30	M1
1,3-Dichlorobenzene	ug/L	ND	100	100	102	107	102	107	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	100	100	105	114	105	114	60-140	9	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	105	107	105	107	60-140	2	30	
2,2-Dichloropropane	ug/L	ND	100	100	69.1	68.5	69	68	60-140	1	30	
2-Chlorotoluene	ug/L	ND	100	100	113	121	113	121	60-140	7	30	
4-Chlorotoluene	ug/L	ND	100	100	104	109	104	109	60-140	5	30	
Benzene	ug/L	8.2	100	100	112	116	103	108	60-140	4	30	
Bromobenzene	ug/L	ND	100	100	106	114	106	114	60-140	7	30	
Bromochloromethane	ug/L	ND	100	100	96.8	99.7	97	100	60-140	3	30	
Bromodichloromethane	ug/L	ND	100	100	106	109	106	109	60-140	3	30	
Bromoform	ug/L	ND	100	100	97.3	105	97	105	60-140	8	30	
Bromomethane	ug/L	ND	100	100	108	108	108	108	60-140	0	30	
Carbon tetrachloride	ug/L	ND	100	100	116	116	116	116	60-140	1	30	
Chlorobenzene	ug/L	ND	100	100	99.6	107	100	107	60-140	7	30	
Chloroethane	ug/L	ND	100	100	105	113	105	113	60-140	7	30	
Chloroform	ug/L	ND	100	100	98.5	107	98	107	60-140	9	30	
Chloromethane	ug/L	ND	100	100	87.4	93.0	87	93	60-140	6	30	
cis-1,2-Dichloroethene	ug/L	ND	100	100	103	107	103	107	60-140	4	30	
cis-1,3-Dichloropropene	ug/L	ND	100	100	92.2	93.8	92	94	60-140	2	30	
Dibromochloromethane	ug/L	ND	100	100	103	110	103	110	60-140	7	30	
Dibromomethane	ug/L	ND	100	100	93.4	98.7	93	99	60-140	5	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571547

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3452565 3452566

Parameter	Units	92570300001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	100	100	103	106	103	106	60-140	2	30	
Diisopropyl ether	ug/L	3.6	100	100	100	105	97	101	60-140	5	30	
Ethanol	ug/L	ND	4000	4000	4770	4830	119	121	60-140	1	30	
Ethylbenzene	ug/L	318	100	100	412	434	94	116	60-140	5	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	118	119	118	119	60-140	1	30	
Isopropylbenzene (Cumene)	ug/L	65.0	100	100	169	178	104	113	60-140	5	30	
m&p-Xylene	ug/L	62.6	200	200	265	282	101	110	60-140	6	30	
Methyl-tert-butyl ether	ug/L	ND	100	100	99.5	107	100	107	60-140	7	30	
Methylene Chloride	ug/L	ND	100	100	108	112	99	103	60-140	4	30	
n-Butylbenzene	ug/L	33.4	100	100	154	161	121	127	60-140	4	30	
n-Propylbenzene	ug/L	214	100	100	315	329	100	115	60-140	4	30	
Naphthalene	ug/L	258	100	100	368	398	110	140	60-140	8	30	
o-Xylene	ug/L	ND	100	100	101	109	98	106	60-140	7	30	
sec-Butylbenzene	ug/L	ND	100	100	119	123	119	123	60-140	3	30	
Styrene	ug/L	ND	100	100	99.4	108	99	108	60-140	8	30	
tert-Butylbenzene	ug/L	ND	100	100	91.5	95.0	92	95	60-140	4	30	
Tetrachloroethene	ug/L	ND	100	100	96.4	102	96	102	60-140	5	30	
Toluene	ug/L	2.5	100	100	102	107	99	104	60-140	5	30	
trans-1,2-Dichloroethene	ug/L	ND	100	100	107	110	107	110	60-140	3	30	
trans-1,3-Dichloropropene	ug/L	ND	100	100	92.9	94.9	93	95	60-140	2	30	
Trichloroethene	ug/L	ND	100	100	106	107	106	107	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	100	100	101	104	101	104	60-140	2	30	
Vinyl chloride	ug/L	ND	100	100	103	107	103	107	60-140	4	30	
1,2-Dichloroethane-d4 (S)	%						104	104	70-130			
4-Bromofluorobenzene (S)	%						102	101	70-130			
Toluene-d8 (S)	%						99	98	70-130			

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QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92571547

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92571547

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92571547001	**14401_HC_RD**	MADEP VPH	658799		
92571547001	**14401_HC_RD**	EPA 3010A	659439	EPA 6010D	659582
92571547001	**14401_HC_RD**	SM 6200B	658756		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB WO#: 92571547

92571547

Company: Apex companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #:
Collected By (print): Jamie Humphrey	Purchase Order #: Quote #:
Collected By (signature): Jamie Humphrey	Turnaround Date Required: ASAP
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs by 6200B	MADEP VPH	Lead	Lab Sample # / Comments
1449_HC_RD	DW	G	11/9/21	1000				8	X	X	X	92571547 001

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips: 223814AU			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 269260

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 92 TOC

Cooler 1 Temp Upon Receipt: 4.7 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 4.7 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Jamie Humphrey/Apex	11/9/21 1320	KS Pace HVL	11/9/21 1320
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO#: 92571547**

PM: AMB Due Date: 11/16/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 16, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92571551

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92571551

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92571551

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92571551001	**14226_HC_RD**	Water	11/09/21 11:00	11/09/21 13:20

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92571551

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92571551001	**14226_HC_RD**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571551

Sample: 14226_HC_RD **Lab ID: 92571551001** Collected: 11/09/21 11:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/10/21 14:52		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/10/21 14:52		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/10/21 14:52		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/10/21 14:52		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	106	%	70-130		1		11/10/21 14:52	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/10/21 14:52	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/12/21 12:13	11/16/21 02:58	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/10/21 19:38	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/10/21 19:38	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/10/21 19:38	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/10/21 19:38	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/10/21 19:38	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/10/21 19:38	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/10/21 19:38	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/10/21 19:38	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/10/21 19:38	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/10/21 19:38	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/10/21 19:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/10/21 19:38	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/10/21 19:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/10/21 19:38	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 19:38	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 19:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/10/21 19:38	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/10/21 19:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/10/21 19:38	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/10/21 19:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 19:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 19:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/10/21 19:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/10/21 19:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/10/21 19:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 19:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/10/21 19:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 19:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/10/21 19:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/10/21 19:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/10/21 19:38	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571551

Sample: 14226_HC_RD **Lab ID: 92571551001** Collected: 11/09/21 11:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/10/21 19:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/10/21 19:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 19:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 19:38	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/10/21 19:38	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/10/21 19:38	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/10/21 19:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/10/21 19:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/10/21 19:38	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/10/21 19:38	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/10/21 19:38	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/10/21 19:38	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/10/21 19:38	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/10/21 19:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/10/21 19:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/10/21 19:38	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/10/21 19:38	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/10/21 19:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/10/21 19:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/10/21 19:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/10/21 19:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 19:38	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 19:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/10/21 19:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/10/21 19:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/10/21 19:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/10/21 19:38	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/10/21 19:38	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/10/21 19:38	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/10/21 19:38	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		11/10/21 19:38	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/10/21 19:38	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/10/21 19:38	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571551

QC Batch: 658799
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571551001

METHOD BLANK: 3452786 Matrix: Water
Associated Lab Samples: 92571551001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/10/21 13:27	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/10/21 13:27	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		11/10/21 13:27	
4-Bromofluorobenzene (PID) (S)	%	91	70-130		11/10/21 13:27	

LABORATORY CONTROL SAMPLE & LCSD: 3452787 3452788

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	283	270	94	90	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	105	102	105	102	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				91	90	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571551

QC Batch: 659439
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92571551001

METHOD BLANK: 3455976 Matrix: Water
Associated Lab Samples: 92571551001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/15/21 04:27	

LABORATORY CONTROL SAMPLE: 3455977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	502	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3455978 3455979

Parameter	Units	92569641006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	491	590	98	118	75-125	18	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571551

QC Batch: 658756
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92571551001

METHOD BLANK: 3452563 Matrix: Water
Associated Lab Samples: 92571551001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/10/21 17:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/10/21 17:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/10/21 17:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/10/21 17:52	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/10/21 17:52	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/10/21 17:52	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/10/21 17:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/10/21 17:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/10/21 17:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/10/21 17:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/10/21 17:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/10/21 17:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/10/21 17:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/10/21 17:52	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/10/21 17:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/10/21 17:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/10/21 17:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/10/21 17:52	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/10/21 17:52	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/10/21 17:52	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/10/21 17:52	
Benzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
Bromobenzene	ug/L	ND	0.50	0.29	11/10/21 17:52	
Bromochloromethane	ug/L	ND	0.50	0.47	11/10/21 17:52	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/10/21 17:52	
Bromoform	ug/L	ND	0.50	0.34	11/10/21 17:52	
Bromomethane	ug/L	ND	5.0	1.7	11/10/21 17:52	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/10/21 17:52	
Chlorobenzene	ug/L	ND	0.50	0.28	11/10/21 17:52	
Chloroethane	ug/L	ND	1.0	0.65	11/10/21 17:52	
Chloroform	ug/L	ND	0.50	0.35	11/10/21 17:52	
Chloromethane	ug/L	ND	1.0	0.54	11/10/21 17:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/10/21 17:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/10/21 17:52	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/10/21 17:52	
Dibromomethane	ug/L	ND	0.50	0.39	11/10/21 17:52	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/10/21 17:52	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/10/21 17:52	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571551

METHOD BLANK: 3452563 Matrix: Water
Associated Lab Samples: 92571551001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	11/10/21 17:52	
Ethylbenzene	ug/L	ND	0.50	0.30	11/10/21 17:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/10/21 17:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/10/21 17:52	
m&p-Xylene	ug/L	ND	1.0	0.71	11/10/21 17:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/10/21 17:52	
Methylene Chloride	ug/L	ND	2.0	2.0	11/10/21 17:52	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/10/21 17:52	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
Naphthalene	ug/L	ND	2.0	0.64	11/10/21 17:52	
o-Xylene	ug/L	ND	0.50	0.34	11/10/21 17:52	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/10/21 17:52	
Styrene	ug/L	ND	0.50	0.29	11/10/21 17:52	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/10/21 17:52	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/10/21 17:52	
Toluene	ug/L	ND	0.50	0.48	11/10/21 17:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/10/21 17:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/10/21 17:52	
Trichloroethene	ug/L	ND	0.50	0.38	11/10/21 17:52	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/10/21 17:52	
Vinyl chloride	ug/L	ND	1.0	0.39	11/10/21 17:52	
1,2-Dichloroethane-d4 (S)	%	91	70-130		11/10/21 17:52	
4-Bromofluorobenzene (S)	%	97	70-130		11/10/21 17:52	
Toluene-d8 (S)	%	102	70-130		11/10/21 17:52	

LABORATORY CONTROL SAMPLE: 3452564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.8	106	60-140	
1,1,1-Trichloroethane	ug/L	50	49.8	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.2	102	60-140	
1,1,2-Trichloroethane	ug/L	50	53.4	107	60-140	
1,1-Dichloroethane	ug/L	50	47.2	94	60-140	
1,1-Dichloroethene	ug/L	50	49.8	100	60-140	
1,1-Dichloropropene	ug/L	50	51.3	103	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.5	113	60-140	
1,2,3-Trichloropropane	ug/L	50	48.2	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.2	114	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.4	107	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.3	117	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	54.2	108	60-140	
1,2-Dichlorobenzene	ug/L	50	53.1	106	60-140	
1,2-Dichloroethane	ug/L	50	47.1	94	60-140	
1,2-Dichloropropane	ug/L	50	51.1	102	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571551

LABORATORY CONTROL SAMPLE: 3452564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	55.0	110	60-140	
1,3-Dichlorobenzene	ug/L	50	52.7	105	60-140	
1,3-Dichloropropane	ug/L	50	53.4	107	60-140	
1,4-Dichlorobenzene	ug/L	50	53.8	108	60-140	
2,2-Dichloropropane	ug/L	50	51.0	102	60-140	
2-Chlorotoluene	ug/L	50	53.6	107	60-140	
4-Chlorotoluene	ug/L	50	51.4	103	60-140	
Benzene	ug/L	50	50.4	101	60-140	
Bromobenzene	ug/L	50	54.2	108	60-140	
Bromochloromethane	ug/L	50	49.3	99	60-140	
Bromodichloromethane	ug/L	50	49.8	100	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	48.0	96	60-140	
Carbon tetrachloride	ug/L	50	53.1	106	60-140	
Chlorobenzene	ug/L	50	50.0	100	60-140	
Chloroethane	ug/L	50	45.6	91	60-140	
Chloroform	ug/L	50	47.2	94	60-140	
Chloromethane	ug/L	50	49.0	98	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.8	94	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.5	107	60-140	
Dibromochloromethane	ug/L	50	55.3	111	60-140	
Dibromomethane	ug/L	50	48.4	97	60-140	
Dichlorodifluoromethane	ug/L	50	54.8	110	60-140	
Diisopropyl ether	ug/L	50	52.5	105	60-140	
Ethanol	ug/L	2000	2310	116	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	59.8	120	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.4	105	60-140	
m&p-Xylene	ug/L	100	100	100	60-140	
Methyl-tert-butyl ether	ug/L	50	51.8	104	60-140	
Methylene Chloride	ug/L	50	48.0	96	60-140	
n-Butylbenzene	ug/L	50	55.2	110	60-140	
n-Propylbenzene	ug/L	50	54.0	108	60-140	
Naphthalene	ug/L	50	56.5	113	60-140	
o-Xylene	ug/L	50	50.1	100	60-140	
sec-Butylbenzene	ug/L	50	53.0	106	60-140	
Styrene	ug/L	50	52.8	106	60-140	
tert-Butylbenzene	ug/L	50	44.9	90	60-140	
Tetrachloroethene	ug/L	50	52.6	105	60-140	
Toluene	ug/L	50	48.6	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	49.0	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.0	104	60-140	
Trichloroethene	ug/L	50	51.3	103	60-140	
Trichlorofluoromethane	ug/L	50	44.9	90	60-140	
Vinyl chloride	ug/L	50	49.1	98	60-140	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571551

LABORATORY CONTROL SAMPLE: 3452564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3452565 3452566

Parameter	Units	92570300001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	100	109	100	109	60-140	9	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	108	112	108	112	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	101	111	101	111	60-140	10	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	105	113	105	113	60-140	7	30	
1,1-Dichloroethane	ug/L	ND	100	100	104	108	104	108	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	100	100	111	115	111	115	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	100	100	107	110	107	110	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	100	100	106	111	106	111	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	102	110	102	110	60-140	8	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	102	109	102	109	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	550	100	100	642	667	92	118	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	108	112	108	112	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	101	110	101	110	60-140	9	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	102	106	102	106	60-140	4	30	
1,2-Dichloroethane	ug/L	ND	100	100	105	109	105	109	60-140	4	30	
1,2-Dichloropropane	ug/L	ND	100	100	107	113	107	113	60-140	5	30	
1,3,5-Trimethylbenzene	ug/L	ND	100	100	155	161	155	161	60-140	4	30	M1
1,3-Dichlorobenzene	ug/L	ND	100	100	102	107	102	107	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	100	100	105	114	105	114	60-140	9	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	105	107	105	107	60-140	2	30	
2,2-Dichloropropane	ug/L	ND	100	100	69.1	68.5	69	68	60-140	1	30	
2-Chlorotoluene	ug/L	ND	100	100	113	121	113	121	60-140	7	30	
4-Chlorotoluene	ug/L	ND	100	100	104	109	104	109	60-140	5	30	
Benzene	ug/L	8.2	100	100	112	116	103	108	60-140	4	30	
Bromobenzene	ug/L	ND	100	100	106	114	106	114	60-140	7	30	
Bromochloromethane	ug/L	ND	100	100	96.8	99.7	97	100	60-140	3	30	
Bromodichloromethane	ug/L	ND	100	100	106	109	106	109	60-140	3	30	
Bromoform	ug/L	ND	100	100	97.3	105	97	105	60-140	8	30	
Bromomethane	ug/L	ND	100	100	108	108	108	108	60-140	0	30	
Carbon tetrachloride	ug/L	ND	100	100	116	116	116	116	60-140	1	30	
Chlorobenzene	ug/L	ND	100	100	99.6	107	100	107	60-140	7	30	
Chloroethane	ug/L	ND	100	100	105	113	105	113	60-140	7	30	
Chloroform	ug/L	ND	100	100	98.5	107	98	107	60-140	9	30	
Chloromethane	ug/L	ND	100	100	87.4	93.0	87	93	60-140	6	30	
cis-1,2-Dichloroethene	ug/L	ND	100	100	103	107	103	107	60-140	4	30	
cis-1,3-Dichloropropene	ug/L	ND	100	100	92.2	93.8	92	94	60-140	2	30	
Dibromochloromethane	ug/L	ND	100	100	103	110	103	110	60-140	7	30	
Dibromomethane	ug/L	ND	100	100	93.4	98.7	93	99	60-140	5	30	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571551

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3452565 3452566

Parameter	Units	92570300001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	100	100	103	106	103	106	60-140	2	30	
Diisopropyl ether	ug/L	3.6	100	100	100	105	97	101	60-140	5	30	
Ethanol	ug/L	ND	4000	4000	4770	4830	119	121	60-140	1	30	
Ethylbenzene	ug/L	318	100	100	412	434	94	116	60-140	5	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	118	119	118	119	60-140	1	30	
Isopropylbenzene (Cumene)	ug/L	65.0	100	100	169	178	104	113	60-140	5	30	
m&p-Xylene	ug/L	62.6	200	200	265	282	101	110	60-140	6	30	
Methyl-tert-butyl ether	ug/L	ND	100	100	99.5	107	100	107	60-140	7	30	
Methylene Chloride	ug/L	ND	100	100	108	112	99	103	60-140	4	30	
n-Butylbenzene	ug/L	33.4	100	100	154	161	121	127	60-140	4	30	
n-Propylbenzene	ug/L	214	100	100	315	329	100	115	60-140	4	30	
Naphthalene	ug/L	258	100	100	368	398	110	140	60-140	8	30	
o-Xylene	ug/L	ND	100	100	101	109	98	106	60-140	7	30	
sec-Butylbenzene	ug/L	ND	100	100	119	123	119	123	60-140	3	30	
Styrene	ug/L	ND	100	100	99.4	108	99	108	60-140	8	30	
tert-Butylbenzene	ug/L	ND	100	100	91.5	95.0	92	95	60-140	4	30	
Tetrachloroethene	ug/L	ND	100	100	96.4	102	96	102	60-140	5	30	
Toluene	ug/L	2.5	100	100	102	107	99	104	60-140	5	30	
trans-1,2-Dichloroethene	ug/L	ND	100	100	107	110	107	110	60-140	3	30	
trans-1,3-Dichloropropene	ug/L	ND	100	100	92.9	94.9	93	95	60-140	2	30	
Trichloroethene	ug/L	ND	100	100	106	107	106	107	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	100	100	101	104	101	104	60-140	2	30	
Vinyl chloride	ug/L	ND	100	100	103	107	103	107	60-140	4	30	
1,2-Dichloroethane-d4 (S)	%						104	104	70-130			
4-Bromofluorobenzene (S)	%						102	101	70-130			
Toluene-d8 (S)	%						99	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92571551

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92571551

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92571551001	**14226_HC_RD**	MADEP VPH	658799		
92571551001	**14226_HC_RD**	EPA 3010A	659439	EPA 6010D	659582
92571551001	**14226_HC_RD**	SM 6200B	658756		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 92571551

92571551

LAB US... Number or

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #:
Collected By (print): Jamie Humphrey	Purchase Order #: / Quote #:
Collected By (signature):	Turnaround Date Required: ASAP
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: / DW Location Code:

Immediately Packed on Ice: [ ] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs by 6200B	Analyses: MADEP VPH	Analyses: Lead	Lab Profile/Line: Lab Sample # / Comments
14226_HC_Rd	DW	G	11/9/21	1100				8	x	x	x	92571551 001

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: 2138194V			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2696261

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 92T064

Cooler 1 Temp Upon Receipt: 4.7 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 4.7 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
James Johnson / Apex	11/9/21 1320	KS Pace HVL	11/9/21 1320
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

WO#: 92571551

PM: AMB Due Date: 11/16/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 16, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92571579

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92571579

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92571579

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92571579001	**13835_AC_RD**	Water	11/09/21 11:00	11/09/21 13:20

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92571579

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92571579001	**13835_AC_RD**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571579

Sample: 13835_AC_RD **Lab ID: 92571579001** Collected: 11/09/21 11:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/10/21 15:20		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/10/21 15:20		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/10/21 15:20		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/10/21 15:20		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		11/10/21 15:20	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1		11/10/21 15:20	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/12/21 12:13	11/16/21 03:08	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/10/21 17:35	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/10/21 17:35	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/10/21 17:35	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/10/21 17:35	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/10/21 17:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/10/21 17:35	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/10/21 17:35	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/10/21 17:35	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/10/21 17:35	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/10/21 17:35	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/10/21 17:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/10/21 17:35	75-00-3	
Chloroform	**0.54**	ug/L	0.50	0.35	1		11/10/21 17:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/10/21 17:35	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 17:35	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 17:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/10/21 17:35	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/10/21 17:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/10/21 17:35	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/10/21 17:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 17:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 17:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/10/21 17:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/10/21 17:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/10/21 17:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 17:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/10/21 17:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 17:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/10/21 17:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/10/21 17:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/10/21 17:35	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571579

Sample: 13835_AC_RD **Lab ID: 92571579001** Collected: 11/09/21 11:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/10/21 17:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/10/21 17:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 17:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 17:35	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/10/21 17:35	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/10/21 17:35	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/10/21 17:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/10/21 17:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/10/21 17:35	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/10/21 17:35	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/10/21 17:35	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/10/21 17:35	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/10/21 17:35	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/10/21 17:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/10/21 17:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/10/21 17:35	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/10/21 17:35	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/10/21 17:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/10/21 17:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/10/21 17:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/10/21 17:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 17:35	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 17:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/10/21 17:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/10/21 17:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/10/21 17:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/10/21 17:35	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/10/21 17:35	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/10/21 17:35	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/10/21 17:35	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		11/10/21 17:35	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130		1		11/10/21 17:35	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		11/10/21 17:35	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571579

QC Batch: 658799
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571579001

METHOD BLANK: 3452786 Matrix: Water
Associated Lab Samples: 92571579001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/10/21 13:27	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/10/21 13:27	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		11/10/21 13:27	
4-Bromofluorobenzene (PID) (S)	%	91	70-130		11/10/21 13:27	

LABORATORY CONTROL SAMPLE & LCSD: 3452787 3452788

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	283	270	94	90	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	105	102	105	102	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				91	90	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571579

QC Batch: 659439
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92571579001

METHOD BLANK: 3455976 Matrix: Water
Associated Lab Samples: 92571579001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/15/21 04:27	

LABORATORY CONTROL SAMPLE: 3455977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	502	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3455978 3455979

Parameter	Units	92569641006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	491	590	98	118	75-125	18	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571579

QC Batch: 658752
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92571579001

METHOD BLANK: 3452552 Matrix: Water
Associated Lab Samples: 92571579001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/10/21 13:42	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/10/21 13:42	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/10/21 13:42	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/10/21 13:42	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/10/21 13:42	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/10/21 13:42	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/10/21 13:42	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/10/21 13:42	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/10/21 13:42	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/10/21 13:42	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/10/21 13:42	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/10/21 13:42	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/10/21 13:42	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/10/21 13:42	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/10/21 13:42	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/10/21 13:42	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/10/21 13:42	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/10/21 13:42	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/10/21 13:42	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/10/21 13:42	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/10/21 13:42	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/10/21 13:42	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/10/21 13:42	
Benzene	ug/L	ND	0.50	0.34	11/10/21 13:42	
Bromobenzene	ug/L	ND	0.50	0.29	11/10/21 13:42	
Bromochloromethane	ug/L	ND	0.50	0.47	11/10/21 13:42	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/10/21 13:42	
Bromoform	ug/L	ND	0.50	0.34	11/10/21 13:42	
Bromomethane	ug/L	ND	5.0	1.7	11/10/21 13:42	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/10/21 13:42	
Chlorobenzene	ug/L	ND	0.50	0.28	11/10/21 13:42	
Chloroethane	ug/L	ND	1.0	0.65	11/10/21 13:42	
Chloroform	ug/L	ND	0.50	0.35	11/10/21 13:42	
Chloromethane	ug/L	ND	1.0	0.54	11/10/21 13:42	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/10/21 13:42	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/10/21 13:42	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/10/21 13:42	
Dibromomethane	ug/L	ND	0.50	0.39	11/10/21 13:42	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/10/21 13:42	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/10/21 13:42	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571579

METHOD BLANK: 3452552 Matrix: Water
Associated Lab Samples: 92571579001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	11/10/21 13:42	
Ethylbenzene	ug/L	ND	0.50	0.30	11/10/21 13:42	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/10/21 13:42	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/10/21 13:42	
m&p-Xylene	ug/L	ND	1.0	0.71	11/10/21 13:42	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/10/21 13:42	
Methylene Chloride	ug/L	ND	2.0	2.0	11/10/21 13:42	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/10/21 13:42	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/10/21 13:42	
Naphthalene	ug/L	ND	2.0	0.64	11/10/21 13:42	
o-Xylene	ug/L	ND	0.50	0.34	11/10/21 13:42	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/10/21 13:42	
Styrene	ug/L	ND	0.50	0.29	11/10/21 13:42	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/10/21 13:42	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/10/21 13:42	
Toluene	ug/L	ND	0.50	0.48	11/10/21 13:42	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/10/21 13:42	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/10/21 13:42	
Trichloroethene	ug/L	ND	0.50	0.38	11/10/21 13:42	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/10/21 13:42	
Vinyl chloride	ug/L	ND	1.0	0.39	11/10/21 13:42	
1,2-Dichloroethane-d4 (S)	%	91	70-130		11/10/21 13:42	
4-Bromofluorobenzene (S)	%	95	70-130		11/10/21 13:42	
Toluene-d8 (S)	%	96	70-130		11/10/21 13:42	

LABORATORY CONTROL SAMPLE: 3452553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.9	104	60-140	
1,1,1-Trichloroethane	ug/L	50	43.8	88	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.0	96	60-140	
1,1,2-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1-Dichloroethane	ug/L	50	42.5	85	60-140	
1,1-Dichloroethene	ug/L	50	42.9	86	60-140	
1,1-Dichloropropene	ug/L	50	42.4	85	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.9	108	60-140	
1,2,3-Trichloropropane	ug/L	50	44.0	88	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.5	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.2	90	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	56.5	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.6	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.8	98	60-140	
1,2-Dichloroethane	ug/L	50	38.3	77	60-140	
1,2-Dichloropropane	ug/L	50	43.8	88	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571579

LABORATORY CONTROL SAMPLE: 3452553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	46.6	93	60-140	
1,3-Dichlorobenzene	ug/L	50	48.0	96	60-140	
1,3-Dichloropropane	ug/L	50	45.5	91	60-140	
1,4-Dichlorobenzene	ug/L	50	48.5	97	60-140	
2,2-Dichloropropane	ug/L	50	44.6	89	60-140	
2-Chlorotoluene	ug/L	50	46.7	93	60-140	
4-Chlorotoluene	ug/L	50	44.0	88	60-140	
Benzene	ug/L	50	45.8	92	60-140	
Bromobenzene	ug/L	50	49.5	99	60-140	
Bromochloromethane	ug/L	50	45.7	91	60-140	
Bromodichloromethane	ug/L	50	46.1	92	60-140	
Bromoform	ug/L	50	56.5	113	60-140	
Bromomethane	ug/L	50	37.7	75	60-140	
Carbon tetrachloride	ug/L	50	50.0	100	60-140	
Chlorobenzene	ug/L	50	49.6	99	60-140	
Chloroethane	ug/L	50	47.8	96	60-140	
Chloroform	ug/L	50	42.4	85	60-140	
Chloromethane	ug/L	50	43.1	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.0	84	60-140	
cis-1,3-Dichloropropene	ug/L	50	44.4	89	60-140	
Dibromochloromethane	ug/L	50	54.2	108	60-140	
Dibromomethane	ug/L	50	50.4	101	60-140	
Dichlorodifluoromethane	ug/L	50	56.8	114	60-140	
Diisopropyl ether	ug/L	50	39.2	78	60-140	
Ethanol	ug/L	2000	1830	91	60-140	
Ethylbenzene	ug/L	50	47.9	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.4	113	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.9	104	60-140	
m&p-Xylene	ug/L	100	96.8	97	60-140	
Methyl-tert-butyl ether	ug/L	50	41.7	83	60-140	
Methylene Chloride	ug/L	50	44.2	88	60-140	
n-Butylbenzene	ug/L	50	45.7	91	60-140	
n-Propylbenzene	ug/L	50	45.1	90	60-140	
Naphthalene	ug/L	50	50.8	102	60-140	
o-Xylene	ug/L	50	49.5	99	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	50.4	101	60-140	
tert-Butylbenzene	ug/L	50	40.0	80	60-140	
Tetrachloroethene	ug/L	50	54.4	109	60-140	
Toluene	ug/L	50	45.4	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	42.3	85	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.1	88	60-140	
Trichloroethene	ug/L	50	50.5	101	60-140	
Trichlorofluoromethane	ug/L	50	49.4	99	60-140	
Vinyl chloride	ug/L	50	46.4	93	60-140	
1,2-Dichloroethane-d4 (S)	%			85	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571579

LABORATORY CONTROL SAMPLE: 3452553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3452554 3452555

Parameter	Units	92571250001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.0	20.5	100	103	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	18.8	19.1	94	96	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.5	18.8	92	94	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.4	19.0	97	95	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	17.4	18.0	87	90	60-140	3	30	
1,1-Dichloroethene	ug/L	ND	20	20	18.3	19.6	92	98	60-140	7	30	
1,1-Dichloropropene	ug/L	ND	20	20	18.4	19.5	92	97	60-140	5	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.0	20.8	95	104	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	16.5	17.7	83	89	60-140	7	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.7	20.1	93	100	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.1	18.4	86	92	60-140	7	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	20.7	96	103	60-140	7	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.8	19.6	94	98	60-140	4	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.0	19.3	90	97	60-140	7	30	
1,2-Dichloroethane	ug/L	ND	20	20	15.8	16.6	79	83	60-140	5	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.2	18.2	91	91	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.2	19.3	91	96	60-140	6	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	17.5	19.0	87	95	60-140	8	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.6	18.1	88	90	60-140	3	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.3	19.1	87	95	60-140	10	30	
2,2-Dichloropropane	ug/L	ND	20	20	17.3	18.3	86	92	60-140	6	30	
2-Chlorotoluene	ug/L	ND	20	20	18.1	19.5	90	97	60-140	8	30	
4-Chlorotoluene	ug/L	ND	20	20	16.6	17.9	83	90	60-140	8	30	
Benzene	ug/L	ND	20	20	18.7	19.0	94	95	60-140	1	30	
Bromobenzene	ug/L	ND	20	20	19.1	20.4	96	102	60-140	6	30	
Bromochloromethane	ug/L	ND	20	20	18.8	19.1	94	96	60-140	1	30	
Bromodichloromethane	ug/L	ND	20	20	18.0	18.3	90	91	60-140	2	30	
Bromoform	ug/L	ND	20	20	18.9	20.2	94	101	60-140	7	30	
Bromomethane	ug/L	ND	20	20	10.9	15.3	55	76	60-140	33	30	M1,R1
Carbon tetrachloride	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
Chlorobenzene	ug/L	ND	20	20	19.2	20.4	96	102	60-140	6	30	
Chloroethane	ug/L	ND	20	20	23.9	24.5	120	122	60-140	2	30	
Chloroform	ug/L	ND	20	20	18.1	18.2	90	91	60-140	1	30	
Chloromethane	ug/L	ND	20	20	17.0	18.1	85	91	60-140	6	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.6	18.3	88	92	60-140	4	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.6	17.9	88	90	60-140	2	30	
Dibromochloromethane	ug/L	ND	20	20	19.7	20.8	98	104	60-140	6	30	
Dibromomethane	ug/L	ND	20	20	19.8	20.4	99	102	60-140	3	30	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571579

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3452554 3452555

Parameter	Units	92571250001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	20	20	22.8	23.5	114	118	60-140	3	30	
Diisopropyl ether	ug/L	ND	20	20	15.9	16.5	80	83	60-140	4	30	
Ethanol	ug/L	ND	800	800	707	713	88	89	60-140	1	30	
Ethylbenzene	ug/L	ND	20	20	18.9	19.9	94	99	60-140	5	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.3	22.0	102	110	60-140	8	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.0	20.7	100	104	60-140	4	30	
m&p-Xylene	ug/L	ND	40	40	37.5	39.7	94	99	60-140	6	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	16.4	17.5	82	88	60-140	6	30	
Methylene Chloride	ug/L	ND	20	20	18.0	19.0	90	95	60-140	5	30	
n-Butylbenzene	ug/L	ND	20	20	17.7	18.7	88	93	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	17.7	18.8	88	94	60-140	6	30	
Naphthalene	ug/L	ND	20	20	16.7	18.8	84	94	60-140	12	30	
o-Xylene	ug/L	ND	20	20	18.9	19.7	94	98	60-140	4	30	
sec-Butylbenzene	ug/L	ND	20	20	18.5	19.8	92	99	60-140	7	30	
Styrene	ug/L	ND	20	20	17.6	18.9	88	94	60-140	7	30	
tert-Butylbenzene	ug/L	ND	20	20	15.9	16.7	79	84	60-140	5	30	
Tetrachloroethene	ug/L	ND	20	20	20.7	22.5	104	112	60-140	8	30	
Toluene	ug/L	ND	20	20	19.1	19.5	95	98	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	17.6	18.3	88	91	60-140	4	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	16.7	17.3	84	87	60-140	4	30	
Trichloroethene	ug/L	ND	20	20	20.4	21.5	102	108	60-140	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	18.5	19.3	92	96	60-140	4	30	
Vinyl chloride	ug/L	ND	20	20	19.4	20.3	97	102	60-140	5	30	
1,2-Dichloroethane-d4 (S)	%						91	84	70-130			
4-Bromofluorobenzene (S)	%						96	95	70-130			
Toluene-d8 (S)	%						96	95	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92571579

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92571579

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92571579001	**13835_AC_RD**	MADEP VPH	658799		
92571579001	**13835_AC_RD**	EPA 3010A	659439	EPA 6010D	659582
92571579001	**13835_AC_RD**	SM 6200B	658752		

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Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 92571579

92571579

Workorder Number or

SE ONLY

nager:

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #:
Collected By (print): Janie Humphrey	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required: ASAP
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs by 6200B	Analyses: MADEP VPH	Analyses: Lead	Lab Profile/Line
13835_AC_RD	DW	G	11/9/21	1100				8	X	X	X	92571579 001

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N NA
Custody Signatures Present	Y	N NA
Collector Signature Present	Y	N NA
Bottles Intact	Y	N NA
Correct Bottles	Y	N NA
Sufficient Volume	Y	N NA
Samples Received on Ice	Y	N NA
VOA - Headspace Acceptable	Y	N NA
USDA Regulated Soils	Y	N NA
Samples in Holding Time	Y	N NA
Residual Chlorine Present	Y	N NA
Cl Strips:		
Sample pH Acceptable	Y	N NA
pH Strips: 223819AU		
Sulfide Present	Y	N NA
Lead Acetate Strips:		

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546905

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92TOC4
Cooler 1 Temp Upon Receipt: 4.7 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 4.7 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Janie Humphrey/Apex	11/9/21 1320	KS Pace HVL	11/9/21 1320
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92571579**

PM: AMB Due Date: 11/16/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1 ✓										7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 16, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92571587

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448
Pace Project No.: 92571587

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-L1-2448
Pace Project No.: 92571587

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92571587001	**DUP-1**	Water	11/09/21 00:00	11/09/21 13:20
92571587002	**EB-1**	Water	11/09/21 00:00	11/09/21 13:20
92571587003	**TRIP BLANK**	Water	11/09/21 00:00	11/09/21 13:20

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448
Pace Project No.: 92571587

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92571587001	**DUP-1**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	64	PASI-C
92571587002	**EB-1**	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	64	PASI-C
92571587003	**TRIP BLANK**	SM 6200B	SAS	64	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571587

Sample: DUP-1 **Lab ID: 92571587001** Collected: 11/09/21 00:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/10/21 15:49		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/10/21 15:49		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/10/21 15:49		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/10/21 15:49		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		11/10/21 15:49	460-00-4	
4-Bromofluorobenzene (PID) (S)	91	%	70-130		1		11/10/21 15:49	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/12/21 12:13	11/16/21 03:11	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/10/21 20:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/10/21 20:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/10/21 20:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/10/21 20:31	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/10/21 20:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/10/21 20:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/10/21 20:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/10/21 20:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/10/21 20:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/10/21 20:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/10/21 20:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/10/21 20:31	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/10/21 20:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/10/21 20:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 20:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 20:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/10/21 20:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/10/21 20:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/10/21 20:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/10/21 20:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 20:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 20:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/10/21 20:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/10/21 20:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/10/21 20:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 20:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/10/21 20:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 20:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/10/21 20:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/10/21 20:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/10/21 20:31	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571587

Sample: DUP-1 **Lab ID: 92571587001** Collected: 11/09/21 00:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/10/21 20:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/10/21 20:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 20:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 20:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/10/21 20:31	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/10/21 20:31	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/10/21 20:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/10/21 20:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/10/21 20:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/10/21 20:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/10/21 20:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/10/21 20:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/10/21 20:31	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/10/21 20:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/10/21 20:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/10/21 20:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/10/21 20:31	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/10/21 20:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/10/21 20:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/10/21 20:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/10/21 20:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 20:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 20:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/10/21 20:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/10/21 20:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/10/21 20:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/10/21 20:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/10/21 20:31	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/10/21 20:31	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/10/21 20:31	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		11/10/21 20:31	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/10/21 20:31	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/10/21 20:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571587

Sample: EB-1 **Lab ID: 92571587002** Collected: 11/09/21 00:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		11/10/21 16:17		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		11/10/21 16:17		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		11/10/21 16:17		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		11/10/21 16:17		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		11/10/21 16:17	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1		11/10/21 16:17	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	4.5	1	11/12/21 12:13	11/16/21 03:14	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/10/21 18:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/10/21 18:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/10/21 18:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/10/21 18:27	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/10/21 18:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/10/21 18:27	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/10/21 18:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/10/21 18:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/10/21 18:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/10/21 18:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/10/21 18:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/10/21 18:27	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/10/21 18:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/10/21 18:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 18:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 18:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/10/21 18:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/10/21 18:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/10/21 18:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/10/21 18:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 18:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 18:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/10/21 18:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/10/21 18:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/10/21 18:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 18:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/10/21 18:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 18:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/10/21 18:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/10/21 18:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/10/21 18:27	142-28-9	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571587

Sample: EB-1 **Lab ID: 92571587002** Collected: 11/09/21 00:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/10/21 18:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/10/21 18:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 18:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 18:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/10/21 18:27	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/10/21 18:27	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/10/21 18:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/10/21 18:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/10/21 18:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/10/21 18:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/10/21 18:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/10/21 18:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/10/21 18:27	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/10/21 18:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/10/21 18:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/10/21 18:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/10/21 18:27	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/10/21 18:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/10/21 18:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/10/21 18:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/10/21 18:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 18:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 18:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/10/21 18:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/10/21 18:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/10/21 18:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/10/21 18:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/10/21 18:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/10/21 18:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/10/21 18:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		11/10/21 18:27	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		11/10/21 18:27	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		11/10/21 18:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571587

Sample: TRIP BLANK **Lab ID: 92571587003** Collected: 11/09/21 00:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.34	1		11/10/21 18:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		11/10/21 18:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		11/10/21 18:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		11/10/21 18:45	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		11/10/21 18:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		11/10/21 18:45	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		11/10/21 18:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		11/10/21 18:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		11/10/21 18:45	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		11/10/21 18:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		11/10/21 18:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		11/10/21 18:45	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		11/10/21 18:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		11/10/21 18:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 18:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		11/10/21 18:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		11/10/21 18:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		11/10/21 18:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		11/10/21 18:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		11/10/21 18:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 18:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		11/10/21 18:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		11/10/21 18:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		11/10/21 18:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		11/10/21 18:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 18:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		11/10/21 18:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 18:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		11/10/21 18:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		11/10/21 18:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		11/10/21 18:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		11/10/21 18:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		11/10/21 18:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 18:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		11/10/21 18:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		11/10/21 18:45	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		11/10/21 18:45	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		11/10/21 18:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		11/10/21 18:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		11/10/21 18:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		11/10/21 18:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		11/10/21 18:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		11/10/21 18:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		11/10/21 18:45	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		11/10/21 18:45	100-42-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448
Pace Project No.: 92571587

Sample: TRIP BLANK **Lab ID: 92571587003** Collected: 11/09/21 00:00 Received: 11/09/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		11/10/21 18:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		11/10/21 18:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		11/10/21 18:45	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		11/10/21 18:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		11/10/21 18:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		11/10/21 18:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		11/10/21 18:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		11/10/21 18:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		11/10/21 18:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		11/10/21 18:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		11/10/21 18:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		11/10/21 18:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		11/10/21 18:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		11/10/21 18:45	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		11/10/21 18:45	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		11/10/21 18:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		11/10/21 18:45	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/10/21 18:45	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		11/10/21 18:45	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571587

QC Batch: 658799
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: VPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571587001, 92571587002

METHOD BLANK: 3452786 Matrix: Water
Associated Lab Samples: 92571587001, 92571587002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	11/10/21 13:27	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	11/10/21 13:27	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		11/10/21 13:27	
4-Bromofluorobenzene (PID) (S)	%	91	70-130		11/10/21 13:27	

LABORATORY CONTROL SAMPLE & LCSD: 3452787 3452788

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	283	270	94	90	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	105	102	105	102	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				91	90	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571587

QC Batch: 659439
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92571587001, 92571587002

METHOD BLANK: 3455976 Matrix: Water
Associated Lab Samples: 92571587001, 92571587002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	11/15/21 04:27	

LABORATORY CONTROL SAMPLE: 3455977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	502	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3455978 3455979

Parameter	Units	92569641006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	491	590	98	118	75-125	18	20	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571587

QC Batch: 658756
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92571587001, 92571587002, 92571587003

METHOD BLANK: 3452563 Matrix: Water
Associated Lab Samples: 92571587001, 92571587002, 92571587003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	11/10/21 17:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	11/10/21 17:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	11/10/21 17:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	11/10/21 17:52	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	11/10/21 17:52	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	11/10/21 17:52	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	11/10/21 17:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	11/10/21 17:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	11/10/21 17:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	11/10/21 17:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	11/10/21 17:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	11/10/21 17:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	11/10/21 17:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	11/10/21 17:52	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	11/10/21 17:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	11/10/21 17:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	11/10/21 17:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	11/10/21 17:52	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	11/10/21 17:52	
2-Chlorotoluene	ug/L	ND	0.50	0.32	11/10/21 17:52	
4-Chlorotoluene	ug/L	ND	0.50	0.32	11/10/21 17:52	
Benzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
Bromobenzene	ug/L	ND	0.50	0.29	11/10/21 17:52	
Bromochloromethane	ug/L	ND	0.50	0.47	11/10/21 17:52	
Bromodichloromethane	ug/L	ND	0.50	0.31	11/10/21 17:52	
Bromoform	ug/L	ND	0.50	0.34	11/10/21 17:52	
Bromomethane	ug/L	ND	5.0	1.7	11/10/21 17:52	
Carbon tetrachloride	ug/L	ND	0.50	0.33	11/10/21 17:52	
Chlorobenzene	ug/L	ND	0.50	0.28	11/10/21 17:52	
Chloroethane	ug/L	ND	1.0	0.65	11/10/21 17:52	
Chloroform	ug/L	ND	0.50	0.35	11/10/21 17:52	
Chloromethane	ug/L	ND	1.0	0.54	11/10/21 17:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	11/10/21 17:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/10/21 17:52	
Dibromochloromethane	ug/L	ND	0.50	0.36	11/10/21 17:52	
Dibromomethane	ug/L	ND	0.50	0.39	11/10/21 17:52	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	11/10/21 17:52	
Diisopropyl ether	ug/L	ND	0.50	0.31	11/10/21 17:52	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571587

METHOD BLANK: 3452563 Matrix: Water
Associated Lab Samples: 92571587001, 92571587002, 92571587003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	11/10/21 17:52	
Ethylbenzene	ug/L	ND	0.50	0.30	11/10/21 17:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	11/10/21 17:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	11/10/21 17:52	
m&p-Xylene	ug/L	ND	1.0	0.71	11/10/21 17:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	11/10/21 17:52	
Methylene Chloride	ug/L	ND	2.0	2.0	11/10/21 17:52	
n-Butylbenzene	ug/L	ND	0.50	0.49	11/10/21 17:52	
n-Propylbenzene	ug/L	ND	0.50	0.34	11/10/21 17:52	
Naphthalene	ug/L	ND	2.0	0.64	11/10/21 17:52	
o-Xylene	ug/L	ND	0.50	0.34	11/10/21 17:52	
sec-Butylbenzene	ug/L	ND	0.50	0.40	11/10/21 17:52	
Styrene	ug/L	ND	0.50	0.29	11/10/21 17:52	
tert-Butylbenzene	ug/L	ND	0.50	0.32	11/10/21 17:52	
Tetrachloroethene	ug/L	ND	0.50	0.29	11/10/21 17:52	
Toluene	ug/L	ND	0.50	0.48	11/10/21 17:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	11/10/21 17:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	11/10/21 17:52	
Trichloroethene	ug/L	ND	0.50	0.38	11/10/21 17:52	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	11/10/21 17:52	
Vinyl chloride	ug/L	ND	1.0	0.39	11/10/21 17:52	
1,2-Dichloroethane-d4 (S)	%	91	70-130		11/10/21 17:52	
4-Bromofluorobenzene (S)	%	97	70-130		11/10/21 17:52	
Toluene-d8 (S)	%	102	70-130		11/10/21 17:52	

LABORATORY CONTROL SAMPLE: 3452564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.8	106	60-140	
1,1,1-Trichloroethane	ug/L	50	49.8	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.2	102	60-140	
1,1,2-Trichloroethane	ug/L	50	53.4	107	60-140	
1,1-Dichloroethane	ug/L	50	47.2	94	60-140	
1,1-Dichloroethene	ug/L	50	49.8	100	60-140	
1,1-Dichloropropene	ug/L	50	51.3	103	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.5	113	60-140	
1,2,3-Trichloropropane	ug/L	50	48.2	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.2	114	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.4	107	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.3	117	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	54.2	108	60-140	
1,2-Dichlorobenzene	ug/L	50	53.1	106	60-140	
1,2-Dichloroethane	ug/L	50	47.1	94	60-140	
1,2-Dichloropropane	ug/L	50	51.1	102	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571587

LABORATORY CONTROL SAMPLE: 3452564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	ug/L	50	55.0	110	60-140	
1,3-Dichlorobenzene	ug/L	50	52.7	105	60-140	
1,3-Dichloropropane	ug/L	50	53.4	107	60-140	
1,4-Dichlorobenzene	ug/L	50	53.8	108	60-140	
2,2-Dichloropropane	ug/L	50	51.0	102	60-140	
2-Chlorotoluene	ug/L	50	53.6	107	60-140	
4-Chlorotoluene	ug/L	50	51.4	103	60-140	
Benzene	ug/L	50	50.4	101	60-140	
Bromobenzene	ug/L	50	54.2	108	60-140	
Bromochloromethane	ug/L	50	49.3	99	60-140	
Bromodichloromethane	ug/L	50	49.8	100	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	48.0	96	60-140	
Carbon tetrachloride	ug/L	50	53.1	106	60-140	
Chlorobenzene	ug/L	50	50.0	100	60-140	
Chloroethane	ug/L	50	45.6	91	60-140	
Chloroform	ug/L	50	47.2	94	60-140	
Chloromethane	ug/L	50	49.0	98	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.8	94	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.5	107	60-140	
Dibromochloromethane	ug/L	50	55.3	111	60-140	
Dibromomethane	ug/L	50	48.4	97	60-140	
Dichlorodifluoromethane	ug/L	50	54.8	110	60-140	
Diisopropyl ether	ug/L	50	52.5	105	60-140	
Ethanol	ug/L	2000	2310	116	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	59.8	120	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.4	105	60-140	
m&p-Xylene	ug/L	100	100	100	60-140	
Methyl-tert-butyl ether	ug/L	50	51.8	104	60-140	
Methylene Chloride	ug/L	50	48.0	96	60-140	
n-Butylbenzene	ug/L	50	55.2	110	60-140	
n-Propylbenzene	ug/L	50	54.0	108	60-140	
Naphthalene	ug/L	50	56.5	113	60-140	
o-Xylene	ug/L	50	50.1	100	60-140	
sec-Butylbenzene	ug/L	50	53.0	106	60-140	
Styrene	ug/L	50	52.8	106	60-140	
tert-Butylbenzene	ug/L	50	44.9	90	60-140	
Tetrachloroethene	ug/L	50	52.6	105	60-140	
Toluene	ug/L	50	48.6	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	49.0	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.0	104	60-140	
Trichloroethene	ug/L	50	51.3	103	60-140	
Trichlorofluoromethane	ug/L	50	44.9	90	60-140	
Vinyl chloride	ug/L	50	49.1	98	60-140	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571587

LABORATORY CONTROL SAMPLE: 3452564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3452565 3452566

Parameter	Units	92570300001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	100	109	100	109	60-140	9	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	108	112	108	112	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	101	111	101	111	60-140	10	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	105	113	105	113	60-140	7	30	
1,1-Dichloroethane	ug/L	ND	100	100	104	108	104	108	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	100	100	111	115	111	115	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	100	100	107	110	107	110	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	100	100	106	111	106	111	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	102	110	102	110	60-140	8	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	102	109	102	109	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	550	100	100	642	667	92	118	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	108	112	108	112	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	101	110	101	110	60-140	9	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	102	106	102	106	60-140	4	30	
1,2-Dichloroethane	ug/L	ND	100	100	105	109	105	109	60-140	4	30	
1,2-Dichloropropane	ug/L	ND	100	100	107	113	107	113	60-140	5	30	
1,3,5-Trimethylbenzene	ug/L	ND	100	100	155	161	155	161	60-140	4	30	M1
1,3-Dichlorobenzene	ug/L	ND	100	100	102	107	102	107	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	100	100	105	114	105	114	60-140	9	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	105	107	105	107	60-140	2	30	
2,2-Dichloropropane	ug/L	ND	100	100	69.1	68.5	69	68	60-140	1	30	
2-Chlorotoluene	ug/L	ND	100	100	113	121	113	121	60-140	7	30	
4-Chlorotoluene	ug/L	ND	100	100	104	109	104	109	60-140	5	30	
Benzene	ug/L	8.2	100	100	112	116	103	108	60-140	4	30	
Bromobenzene	ug/L	ND	100	100	106	114	106	114	60-140	7	30	
Bromochloromethane	ug/L	ND	100	100	96.8	99.7	97	100	60-140	3	30	
Bromodichloromethane	ug/L	ND	100	100	106	109	106	109	60-140	3	30	
Bromoform	ug/L	ND	100	100	97.3	105	97	105	60-140	8	30	
Bromomethane	ug/L	ND	100	100	108	108	108	108	60-140	0	30	
Carbon tetrachloride	ug/L	ND	100	100	116	116	116	116	60-140	1	30	
Chlorobenzene	ug/L	ND	100	100	99.6	107	100	107	60-140	7	30	
Chloroethane	ug/L	ND	100	100	105	113	105	113	60-140	7	30	
Chloroform	ug/L	ND	100	100	98.5	107	98	107	60-140	9	30	
Chloromethane	ug/L	ND	100	100	87.4	93.0	87	93	60-140	6	30	
cis-1,2-Dichloroethene	ug/L	ND	100	100	103	107	103	107	60-140	4	30	
cis-1,3-Dichloropropene	ug/L	ND	100	100	92.2	93.8	92	94	60-140	2	30	
Dibromochloromethane	ug/L	ND	100	100	103	110	103	110	60-140	7	30	
Dibromomethane	ug/L	ND	100	100	93.4	98.7	93	99	60-140	5	30	

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QUALITY CONTROL DATA

Project: 2020-L1-2448
Pace Project No.: 92571587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3452565 3452566

Parameter	Units	92570300001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dichlorodifluoromethane	ug/L	ND	100	100	103	106	103	106	60-140	2	30	
Diisopropyl ether	ug/L	3.6	100	100	100	105	97	101	60-140	5	30	
Ethanol	ug/L	ND	4000	4000	4770	4830	119	121	60-140	1	30	
Ethylbenzene	ug/L	318	100	100	412	434	94	116	60-140	5	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	118	119	118	119	60-140	1	30	
Isopropylbenzene (Cumene)	ug/L	65.0	100	100	169	178	104	113	60-140	5	30	
m&p-Xylene	ug/L	62.6	200	200	265	282	101	110	60-140	6	30	
Methyl-tert-butyl ether	ug/L	ND	100	100	99.5	107	100	107	60-140	7	30	
Methylene Chloride	ug/L	ND	100	100	108	112	99	103	60-140	4	30	
n-Butylbenzene	ug/L	33.4	100	100	154	161	121	127	60-140	4	30	
n-Propylbenzene	ug/L	214	100	100	315	329	100	115	60-140	4	30	
Naphthalene	ug/L	258	100	100	368	398	110	140	60-140	8	30	
o-Xylene	ug/L	ND	100	100	101	109	98	106	60-140	7	30	
sec-Butylbenzene	ug/L	ND	100	100	119	123	119	123	60-140	3	30	
Styrene	ug/L	ND	100	100	99.4	108	99	108	60-140	8	30	
tert-Butylbenzene	ug/L	ND	100	100	91.5	95.0	92	95	60-140	4	30	
Tetrachloroethene	ug/L	ND	100	100	96.4	102	96	102	60-140	5	30	
Toluene	ug/L	2.5	100	100	102	107	99	104	60-140	5	30	
trans-1,2-Dichloroethene	ug/L	ND	100	100	107	110	107	110	60-140	3	30	
trans-1,3-Dichloropropene	ug/L	ND	100	100	92.9	94.9	93	95	60-140	2	30	
Trichloroethene	ug/L	ND	100	100	106	107	106	107	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	100	100	101	104	101	104	60-140	2	30	
Vinyl chloride	ug/L	ND	100	100	103	107	103	107	60-140	4	30	
1,2-Dichloroethane-d4 (S)	%						104	104	70-130			
4-Bromofluorobenzene (S)	%						102	101	70-130			
Toluene-d8 (S)	%						99	98	70-130			

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QUALIFIERS

Project: 2020-L1-2448
Pace Project No.: 92571587

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448
Pace Project No.: 92571587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92571587001	**DUP-1**	MADEP VPH	658799		
92571587002	**EB-1**	MADEP VPH	658799		
92571587001	**DUP-1**	EPA 3010A	659439	EPA 6010D	659582
92571587002	**EB-1**	EPA 3010A	659439	EPA 6010D	659582
92571587001	**DUP-1**	SM 6200B	658756		
92571587002	**EB-1**	SM 6200B	658756		
92571587003	**TRIP BLANK**	SM 6200B	658756		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

WO# : 92571587

92571587

ALL SHA

Container Preservative

** Preservative Types: (1) nitric acid, (2) s
(6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9)
(C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Company: Apex Companies	Billing Information:	
Address:		
Report To: Andrew Street	Email To: andrew.street@apexcos.com	
Copy To:	Site Collection Info/Address:	
Customer Project Name/Number: 2020-LI-2448	State: NC / Huntersville County/City: [ ] PT [ ] MT [ ] CT [ ] ET Time Zone Collected:	
Phone: Email:	Site/Facility ID #:	Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Jamie Humphrey	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature): Jamie Humphrey	Turnaround Date Required: ASAP	Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs by 6200B	MADEP VPH	Lead
Dup-1	DW	G	11/9/21					8	X	X	X
EB-1	DW	G	11/9/21					8	X	X	X
Trip Blank	OT	—	11/9/21					2	X		

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Sample pH Acceptable	(Y)	N	NA
Sulfide Present	Y	N	(NA)

Cl Strips: _____

pH Strips: 223894AU

Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

92571587
001
002
003

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2696262

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 4.7 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 4.7 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
James Humphrey Apex	11/9/21 1320	KS Pace HVL	11/9/21 1320
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: 1 of: 1

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

WO#: 92571587

PM: AMB Due Date: 11/16/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2						1										7													
3																2													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 03, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: Proj- 00119/Northstone
Pace Project No.: 92569884

Dear Alex Testoff:

Enclosed are the analytical results for sample(s) received by the laboratory on November 01, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Cole Cates, Environmental Planning Specialists, Inc.
J Culbreath, Colonial Pipeline Company
Robert Hughes, Colonial Pipeline Company
Cam Lee, Montrose Environmental Group
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Nicholas Nelson, Montrose Environmental Group, Inc.
Andrew Street, Apex Companies - NC
JM Wyatt, Colonial Pipeline Company

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CERTIFICATIONS

Project: Proj- 00119/Northstone
Pace Project No.: 92569884

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Proj- 00119/Northstone
Pace Project No.: 92569884

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92569884001	**21305-SW-Seep**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569884002	**21305-SW-Confluence**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569884003	**21305-SW-Seep 2**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569884004	**21305-SW-Confluence 2**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569884005	**21305-SW-G**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569884

Sample: 21305-SW-Seep **Lab ID: 92569884001** Collected: 11/01/21 14:40 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 00:12		
Surrogates								
4-Bromofluorobenzene (S)	91	%	70-130	1		11/03/21 00:12	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 15:12	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 15:12	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 15:12	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 15:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 15:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 15:12	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		11/02/21 15:12	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		11/02/21 15:12	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		11/02/21 15:12	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569884

Sample: 21305-SW-Confluence **Lab ID: 92569884002** Collected: 11/01/21 14:45 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 01:08		
Surrogates								
4-Bromofluorobenzene (S)	87	%	70-130	1		11/03/21 01:08	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 14:54	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 14:54	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 14:54	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 14:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 14:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 14:54	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		11/02/21 14:54	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		11/02/21 14:54	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		11/02/21 14:54	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569884

Sample: 21305-SW-Seep 2 **Lab ID: 92569884003** Collected: 11/01/21 14:50 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 01:36		
Surrogates								
4-Bromofluorobenzene (S)	86	%	70-130	1		11/03/21 01:36	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 14:36	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 14:36	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 14:36	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 14:36	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 14:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 14:36	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		11/02/21 14:36	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		11/02/21 14:36	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		11/02/21 14:36	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569884

Sample: 21305-SW-Confluence 2 **Lab ID: 92569884004** Collected: 11/01/21 14:55 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 02:04		
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-130	1		11/03/21 02:04	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 14:19	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 14:19	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 14:19	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 14:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 14:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 14:19	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		11/02/21 14:19	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		11/02/21 14:19	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		11/02/21 14:19	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569884

Sample: 21305-SW-G **Lab ID: 92569884005** Collected: 11/01/21 15:00 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 02:32		
Surrogates								
4-Bromofluorobenzene (S)	92	%	70-130	1		11/03/21 02:32	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 14:01	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 14:01	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 14:01	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 14:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 14:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 14:01	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		11/02/21 14:01	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		11/02/21 14:01	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		11/02/21 14:01	2037-26-5	

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QUALITY CONTROL DATA

Project: Proj- 00119/Northstone
Pace Project No.: 92569884

QC Batch: 656883 | Analysis Method: EPA 5030B/8015C Mod.
QC Batch Method: EPA 5030B/8015C Mod. | Analysis Description: Gasoline Range Organics
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569884001, 92569884002, 92569884003, 92569884004, 92569884005

METHOD BLANK: 3443297 Matrix: Water
Associated Lab Samples: 92569884001, 92569884002, 92569884003, 92569884004, 92569884005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	11/02/21 14:20	
4-Bromofluorobenzene (S)	%	93	70-130	11/02/21 14:20	

LABORATORY CONTROL SAMPLE: 3443298

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1.2	0.86	72	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	

MATRIX SPIKE SAMPLE: 3443300

Parameter	Units	92569884002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.92	92	68-145	
4-Bromofluorobenzene (S)	%				90	70-130	

SAMPLE DUPLICATE: 3443299

Parameter	Units	92569884001 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	ND		
4-Bromofluorobenzene (S)	%	91	89		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Proj- 00119/Northstone
Pace Project No.: 92569884

QC Batch: 656853
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV Low Level
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569884001, 92569884002, 92569884003, 92569884004, 92569884005

METHOD BLANK: 3443122 Matrix: Water
Associated Lab Samples: 92569884001, 92569884002, 92569884003, 92569884004, 92569884005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	11/02/21 12:51	
Ethylbenzene	ug/L	ND	1.0	11/02/21 12:51	
m&p-Xylene	ug/L	ND	2.0	11/02/21 12:51	
o-Xylene	ug/L	ND	1.0	11/02/21 12:51	
Toluene	ug/L	ND	1.0	11/02/21 12:51	
Xylene (Total)	ug/L	ND	1.0	11/02/21 12:51	
1,2-Dichloroethane-d4 (S)	%	91	70-130	11/02/21 12:51	
4-Bromofluorobenzene (S)	%	101	70-130	11/02/21 12:51	
Toluene-d8 (S)	%	105	70-130	11/02/21 12:51	

LABORATORY CONTROL SAMPLE: 3443123

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	48.1	96	70-130	
Ethylbenzene	ug/L	50	46.2	92	70-130	
m&p-Xylene	ug/L	100	92.1	92	70-130	
o-Xylene	ug/L	50	46.7	93	70-130	
Toluene	ug/L	50	46.4	93	70-130	
Xylene (Total)	ug/L	150	139	93	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443124 3443125

Parameter	Units	92569388003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	250	250	273	284	109	114	67-150	4	
Ethylbenzene	ug/L	ND	250	250	263	277	105	111	68-143	5	
m&p-Xylene	ug/L	ND	500	500	535	550	107	110	53-157	3	
o-Xylene	ug/L	ND	250	250	267	270	107	108	68-143	1	
Toluene	ug/L	ND	250	250	261	275	104	110	47-157	5	
Xylene (Total)	ug/L	ND	750	750	802	820	107	109	66-145	2	
1,2-Dichloroethane-d4 (S)	%						95	95	70-130		
4-Bromofluorobenzene (S)	%						100	100	70-130		
Toluene-d8 (S)	%						100	101	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALIFIERS

Project: Proj- 00119/Northstone
Pace Project No.: 92569884

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Proj- 00119/Northstone
Pace Project No.: 92569884

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92569884001	**21305-SW-Seep**	EPA 5030B/8015C Mod.	656883		
92569884002	**21305-SW-Confluence**	EPA 5030B/8015C Mod.	656883		
92569884003	**21305-SW-Seep 2**	EPA 5030B/8015C Mod.	656883		
92569884004	**21305-SW-Confluence 2**	EPA 5030B/8015C Mod.	656883		
92569884005	**21305-SW-G**	EPA 5030B/8015C Mod.	656883		
92569884001	**21305-SW-Seep**	EPA 8260D	656853		
92569884002	**21305-SW-Confluence**	EPA 8260D	656853		
92569884003	**21305-SW-Seep 2**	EPA 8260D	656853		
92569884004	**21305-SW-Confluence 2**	EPA 8260D	656853		
92569884005	**21305-SW-G**	EPA 8260D	656853		

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ON

WO# : 92569884

92569884

Container Preservative Type

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Company: Montrose

Address:

Billing Information: 400 Northridge Suite 400 Sandy Springs, GA 30350

Report To: CtCates@montrose-env.com

Email To: Jnicolette@montrose-env.com

Copy To: Clee@montrose-env.com

Site Collection Info/Address:

Customer Project Name/Number: Proj - 00119/Northstone

State: NC / County/City: Huntersville

Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Cole Cates

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required:

Immediately Packed on Ice: [✓] Yes [ ] No

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [✓] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	BTEX	TPH-GRO	Lab Sample # / Comments
											92569884
21305-SW-Seep	SW	G	11/1/21	1440				6	X	X	001
21305-SW-Confluence	SW	G	11/1/21	1445				6	X	X	002
21305-SW-Seep 2	SW	G	11/1/21	1450				6	X	X	003
21305-SW-Confluence 2	SW	G	11/1/21	1455				6	X	X	004
21305-SW-G	SW	G	11/1/21	1500				6	X	X	005

Customer Remarks / Special Conditions / Possible Hazards:
SW = Surface Water
G = Grab

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2547163

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 15.9 oC
Cooler 1 Therm Corr. Factor: _____ oC
Cooler 1 Corrected Temp: _____ oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Cole Cates	11/1/21	Bonny/Pace	11/1/21 18:16

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical Services, LLC
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Huntersville, NC 28078
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November 04, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Dear Alex Testoff:

Enclosed are the analytical results for sample(s) received by the laboratory on November 01, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Cole Cates, Environmental Planning Specialists, Inc.
J Culbreath, Colonial Pipeline Company
Robert Hughes, Colonial Pipeline Company
Cam Lee, Montrose Environmental Group
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Nicholas Nelson, Montrose Environmental Group, Inc.
Andrew Street, Apex Companies - NC
JM Wyatt, Colonial Pipeline Company

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CERTIFICATIONS

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92569885001	**21305-SW-1**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569885002	**21305-SW-2**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569885003	**21305-SW-3**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569885004	**21305-SW-4**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569885005	**21305-SW-5**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569885006	**21305-SW-6**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569885007	**21305-SW-7**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569885008	**21305-SW-Dup**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92569885009	**21305-SW-Trip Balnk**	EPA 8260D	SAS	9	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Sample: 21305-SW-1 **Lab ID: 92569885001** Collected: 11/01/21 16:25 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 04:53		
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-130	1		11/03/21 04:53	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 17:49	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 17:49	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 17:49	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 17:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 17:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 17:49	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		11/02/21 17:49	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		11/02/21 17:49	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		11/02/21 17:49	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Sample: 21305-SW-2 **Lab ID: 92569885002** Collected: 11/01/21 16:10 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 05:21		
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-130	1		11/03/21 05:21	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 17:31	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 17:31	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 17:31	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 17:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 17:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 17:31	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		11/02/21 17:31	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		11/02/21 17:31	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		11/02/21 17:31	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Sample: 21305-SW-3 **Lab ID: 92569885003** Collected: 11/01/21 15:55 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 05:49		
Surrogates								
4-Bromofluorobenzene (S)	91	%	70-130	1		11/03/21 05:49	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 17:14	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 17:14	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 17:14	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 17:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 17:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 17:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		11/02/21 17:14	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		11/02/21 17:14	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		11/02/21 17:14	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Sample: 21305-SW-4 **Lab ID: 92569885004** Collected: 11/01/21 16:40 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 06:18		
Surrogates								
4-Bromofluorobenzene (S)	87	%	70-130	1		11/03/21 06:18	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 16:56	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 16:56	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 16:56	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 16:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 16:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 16:56	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		11/02/21 16:56	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		11/02/21 16:56	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		11/02/21 16:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Sample: 21305-SW-5 **Lab ID: 92569885005** Collected: 11/01/21 17:00 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 06:46		
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-130	1		11/03/21 06:46	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 16:39	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 16:39	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 16:39	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 16:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 16:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 16:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		11/02/21 16:39	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		11/02/21 16:39	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		11/02/21 16:39	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Sample: 21305-SW-6 **Lab ID: 92569885006** Collected: 11/01/21 17:10 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 07:14		
Surrogates								
4-Bromofluorobenzene (S)	88	%	70-130	1		11/03/21 07:14	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 16:21	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 16:21	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 16:21	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 16:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 16:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 16:21	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		11/02/21 16:21	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		11/02/21 16:21	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		11/02/21 16:21	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Sample: 21305-SW-7 **Lab ID: 92569885007** Collected: 11/01/21 17:30 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 07:42		
Surrogates								
4-Bromofluorobenzene (S)	88	%	70-130	1		11/03/21 07:42	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 16:04	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 16:04	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 16:04	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 16:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 16:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 16:04	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		11/02/21 16:04	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		11/02/21 16:04	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		11/02/21 16:04	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Sample: 21305-SW-Dup **Lab ID: 92569885008** Collected: 11/01/21 12:00 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/03/21 08:10		
Surrogates								
4-Bromofluorobenzene (S)	87	%	70-130	1		11/03/21 08:10	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 15:46	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 15:46	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 15:46	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 15:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 15:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 15:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		11/02/21 15:46	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		11/02/21 15:46	17060-07-0	
Toluene-d8 (S)	107	%	70-130	1		11/02/21 15:46	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Sample: 21305-SW-Trip Balnk **Lab ID: 92569885009** Collected: 11/01/21 00:00 Received: 11/01/21 18:16 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/02/21 18:42	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/02/21 18:42	100-41-4	
Toluene	ND	ug/L	1.0	1		11/02/21 18:42	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/02/21 18:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/02/21 18:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/02/21 18:42	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		11/02/21 18:42	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		11/02/21 18:42	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		11/02/21 18:42	2037-26-5	

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QUALITY CONTROL DATA

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

QC Batch: 656883 | Analysis Method: EPA 5030B/8015C Mod.
QC Batch Method: EPA 5030B/8015C Mod. | Analysis Description: Gasoline Range Organics
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569885001, 92569885002, 92569885003, 92569885004, 92569885005, 92569885006, 92569885007, 92569885008

METHOD BLANK: 3443297 Matrix: Water
Associated Lab Samples: 92569885001, 92569885002, 92569885003, 92569885004, 92569885005, 92569885006, 92569885007, 92569885008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	11/02/21 14:20	
4-Bromofluorobenzene (S)	%	93	70-130	11/02/21 14:20	

LABORATORY CONTROL SAMPLE: 3443298

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1.2	0.86	72	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	

MATRIX SPIKE SAMPLE: 3443300

Parameter	Units	92569884002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.92	92	68-145	
4-Bromofluorobenzene (S)	%				90	70-130	

SAMPLE DUPLICATE: 3443299

Parameter	Units	92569884001 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	ND		
4-Bromofluorobenzene (S)	%	91	89		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

QC Batch: 656853
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV Low Level
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92569885001, 92569885002, 92569885003, 92569885004, 92569885005, 92569885006, 92569885007, 92569885008, 92569885009

METHOD BLANK: 3443122 Matrix: Water
Associated Lab Samples: 92569885001, 92569885002, 92569885003, 92569885004, 92569885005, 92569885006, 92569885007, 92569885008, 92569885009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	11/02/21 12:51	
Ethylbenzene	ug/L	ND	1.0	11/02/21 12:51	
m&p-Xylene	ug/L	ND	2.0	11/02/21 12:51	
o-Xylene	ug/L	ND	1.0	11/02/21 12:51	
Toluene	ug/L	ND	1.0	11/02/21 12:51	
Xylene (Total)	ug/L	ND	1.0	11/02/21 12:51	
1,2-Dichloroethane-d4 (S)	%	91	70-130	11/02/21 12:51	
4-Bromofluorobenzene (S)	%	101	70-130	11/02/21 12:51	
Toluene-d8 (S)	%	105	70-130	11/02/21 12:51	

LABORATORY CONTROL SAMPLE: 3443123

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	48.1	96	70-130	
Ethylbenzene	ug/L	50	46.2	92	70-130	
m&p-Xylene	ug/L	100	92.1	92	70-130	
o-Xylene	ug/L	50	46.7	93	70-130	
Toluene	ug/L	50	46.4	93	70-130	
Xylene (Total)	ug/L	150	139	93	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3443124 3443125

Parameter	Units	92569388003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	250	250	273	284	109	114	67-150	4	
Ethylbenzene	ug/L	ND	250	250	263	277	105	111	68-143	5	
m&p-Xylene	ug/L	ND	500	500	535	550	107	110	53-157	3	
o-Xylene	ug/L	ND	250	250	267	270	107	108	68-143	1	
Toluene	ug/L	ND	250	250	261	275	104	110	47-157	5	
Xylene (Total)	ug/L	ND	750	750	802	820	107	109	66-145	2	
1,2-Dichloroethane-d4 (S)	%						95	95	70-130		
4-Bromofluorobenzene (S)	%						100	100	70-130		
Toluene-d8 (S)	%						100	101	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Proj- 00119/Northstone
Pace Project No.: 92569885

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92569885001	**21305-SW-1**	EPA 5030B/8015C Mod.	656883		
92569885002	**21305-SW-2**	EPA 5030B/8015C Mod.	656883		
92569885003	**21305-SW-3**	EPA 5030B/8015C Mod.	656883		
92569885004	**21305-SW-4**	EPA 5030B/8015C Mod.	656883		
92569885005	**21305-SW-5**	EPA 5030B/8015C Mod.	656883		
92569885006	**21305-SW-6**	EPA 5030B/8015C Mod.	656883		
92569885007	**21305-SW-7**	EPA 5030B/8015C Mod.	656883		
92569885008	**21305-SW-Dup**	EPA 5030B/8015C Mod.	656883		
92569885001	**21305-SW-1**	EPA 8260D	656853		
92569885002	**21305-SW-2**	EPA 8260D	656853		
92569885003	**21305-SW-3**	EPA 8260D	656853		
92569885004	**21305-SW-4**	EPA 8260D	656853		
92569885005	**21305-SW-5**	EPA 8260D	656853		
92569885006	**21305-SW-6**	EPA 8260D	656853		
92569885007	**21305-SW-7**	EPA 8260D	656853		
92569885008	**21305-SW-Dup**	EPA 8260D	656853		
92569885009	**21305-SW-Trip Balnk**	EPA 8260D	656853		

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix W

WO# : 92569885

92569885

ALL SHA

Container Preservative Type

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Company: Montrose

Address:

Billing Information: 400 Northridge Rd, Suite 400 Sandy Springs, GA 30350

Report To: ctCates@montrose-env.com

Email To: Jnicolette@montrose-env.com

Copy To: Clee@montrose-env.com

Site Collection Info/Address:

Customer Project Name/Number: Proj - 00119/Northstone

State: NC / County/City: Huntersville

Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Cole Cates

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): Cole Cates

Turnaround Date Required:

Immediately Packed on Ice: [✓] Yes [ ] No

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: _____
[ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [✓] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	BTEX	TPH-GRO	Lab Sample # / Comments
											92569885
21305-SW-1	SW	G	11/1/21	1625				6	X	X	001
21305-SW-2	SW			1610				6	X	X	002
21305-SW-3	SW			1555				6	X	X	003
21305-SW-4	SW			1640				6	X	X	004
21305-SW-5	SW			1700				6	X	X	005
21305-SW-6	SW			1710				6	X	X	006
21305-SW-7	SW			1730				6	X	X	007
21305-SW-DUP	SW			1200				6	X	X	008
21305-SW-TripBlank	W	LAB		LAB				2	X		009

Customer Remarks / Special Conditions / Possible Hazards:
SW = Surface Water
W = Water, G = Grab

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2547164

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 15.9 oC
Cooler 1 Therm Corr. Factor: _____ oC
Cooler 1 Corrected Temp: _____ oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Cole Cates	11/1/21	[signature]	11/1/21 18:16
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92569885**

PM: BV Due Date: 11/08/21

CLIENT: 92-MontEnvGr

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	\				\	\	\	\			\		\	\	\	6									\	\			
2	\				\	\	\	\			\		\	\	\	6									\	\			
3	\				\	\	\	\			\		\	\	\	6									\	\			
4	\				\	\	\	\			\		\	\	\	6									\	\			
5	\				\	\	\	\			\		\	\	\	6									\	\			
6	\				\	\	\	\			\		\	\	\	6									\	\			
7	\				\	\	\	\			\		\	\	\	6									\	\			
8	\				\	\	\	\			\		\	\	\	6									\	\			
9	\				\	\	\	\			\		\	\	\	6									\	\			
10	\				\	\	\	\			\		\	\	\	2									\	\			
11	\				\	\	\	\			\		\	\	\										\	\			
12	\				\	\	\	\			\		\	\	\										\	\			

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 18, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: PROJ-002116
Pace Project No.: 92573008

Dear Alex Testoff:

Enclosed are the analytical results for sample(s) received by the laboratory on November 17, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Cole Cates, Environmental Planning Specialists, Inc.
J Culbreath, Colonial Pipeline Company
Robert Hughes, Colonial Pipeline Company
Cam Lee, Montrose Environmental Group
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Nicholas Nelson, Montrose Environmental Group, Inc.
Andrew Street, Apex Companies - NC
JM Wyatt, Colonial Pipeline Company

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CERTIFICATIONS

Project: PROJ-002116
Pace Project No.: 92573008

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

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SAMPLE ANALYTE COUNT

Project: PROJ-002116
Pace Project No.: 92573008

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92573008001	**21321-SW-CONFLUENCE**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92573008002	**21321-SW-SUP2**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92573008003	**21321-SW-CONFLUENCE 2**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92573008004	**21321-SW-G**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: PROJ-002116
Pace Project No.: 92573008

Sample: 21321-SW-CONFLUENCE **Lab ID: 92573008001** Collected: 11/17/21 08:50 Received: 11/17/21 11:49 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 11:35		
Surrogates								
4-Bromofluorobenzene (S)	87	%	70-130	1		11/18/21 11:35	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 12:06	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 12:06	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 12:06	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 12:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 12:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 12:06	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		11/18/21 12:06	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		11/18/21 12:06	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/18/21 12:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PROJ-002116
Pace Project No.: 92573008

Sample: 21321-SW-SUP2 **Lab ID: 92573008002** Collected: 11/17/21 08:55 Received: 11/17/21 11:49 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 12:31		
Surrogates								
4-Bromofluorobenzene (S)	88	%	70-130	1		11/18/21 12:31	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 08:46	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 08:46	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 08:46	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 08:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 08:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 08:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		11/18/21 08:46	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		11/18/21 08:46	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/18/21 08:46	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ-002116
Pace Project No.: 92573008

Sample: 21321-SW-CONFLUENCE 2 **Lab ID: 92573008003** Collected: 11/17/21 09:00 Received: 11/17/21 11:49 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 12:59		
Surrogates								
4-Bromofluorobenzene (S)	91	%	70-130	1		11/18/21 12:59	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 09:05	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 09:05	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 09:05	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 09:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 09:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 09:05	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		11/18/21 09:05	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		11/18/21 09:05	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/18/21 09:05	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ-002116
Pace Project No.: 92573008

Sample: 21321-SW-G **Lab ID: 92573008004** Collected: 11/17/21 09:05 Received: 11/17/21 11:49 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 13:27		
Surrogates								
4-Bromofluorobenzene (S)	87	%	70-130	1		11/18/21 13:27	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 09:23	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 09:23	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 09:23	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 09:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 09:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 09:23	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	70-130	1		11/18/21 09:23	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		11/18/21 09:23	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/18/21 09:23	2037-26-5	

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QUALITY CONTROL DATA

Project: PROJ-002116
Pace Project No.: 92573008

QC Batch: 660802 | Analysis Method: EPA 5030B/8015C Mod.
QC Batch Method: EPA 5030B/8015C Mod. | Analysis Description: Gasoline Range Organics
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92573008001, 92573008002, 92573008003, 92573008004

METHOD BLANK: 3462295 Matrix: Water
Associated Lab Samples: 92573008001, 92573008002, 92573008003, 92573008004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	11/18/21 11:07	
4-Bromofluorobenzene (S)	%	88	70-130	11/18/21 11:07	

LABORATORY CONTROL SAMPLE: 3462296

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1	0.99	99	70-130	
4-Bromofluorobenzene (S)	%			91	70-130	

MATRIX SPIKE SAMPLE: 3462298

Parameter	Units	92573008002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.95	95	68-145	
4-Bromofluorobenzene (S)	%				87	70-130	

SAMPLE DUPLICATE: 3462297

Parameter	Units	92573008001 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	ND		
4-Bromofluorobenzene (S)	%	87	85		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PROJ-002116
Pace Project No.: 92573008

QC Batch: 660614
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV Low Level
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92573008001, 92573008002, 92573008003, 92573008004

METHOD BLANK: 3461566 Matrix: Water
Associated Lab Samples: 92573008001, 92573008002, 92573008003, 92573008004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	11/18/21 03:20	
Ethylbenzene	ug/L	ND	1.0	11/18/21 03:20	
m&p-Xylene	ug/L	ND	2.0	11/18/21 03:20	
o-Xylene	ug/L	ND	1.0	11/18/21 03:20	
Toluene	ug/L	ND	1.0	11/18/21 03:20	
Xylene (Total)	ug/L	ND	1.0	11/18/21 03:20	
1,2-Dichloroethane-d4 (S)	%	89	70-130	11/18/21 03:20	
4-Bromofluorobenzene (S)	%	95	70-130	11/18/21 03:20	
Toluene-d8 (S)	%	100	70-130	11/18/21 03:20	

LABORATORY CONTROL SAMPLE: 3461567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.2	102	70-130	
Ethylbenzene	ug/L	50	51.7	103	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
o-Xylene	ug/L	50	53.0	106	70-130	
Toluene	ug/L	50	51.0	102	70-130	
Xylene (Total)	ug/L	150	157	104	70-130	
1,2-Dichloroethane-d4 (S)	%			84	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3461568 3461569

Parameter	Units	92573008001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	20	20	22.5	20.6	113	103	67-150	9	
Ethylbenzene	ug/L	ND	20	20	22.1	20.5	110	102	68-143	7	
m&p-Xylene	ug/L	ND	40	40	44.3	41.5	111	104	53-157	7	
o-Xylene	ug/L	ND	20	20	22.5	21.1	112	105	68-143	6	
Toluene	ug/L	ND	20	20	22.3	20.7	112	104	47-157	7	
Xylene (Total)	ug/L	ND	60	60	66.7	62.5	111	104	66-145	7	
1,2-Dichloroethane-d4 (S)	%						85	87	70-130		
4-Bromofluorobenzene (S)	%						98	99	70-130		
Toluene-d8 (S)	%						101	100	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: PROJ-002116
Pace Project No.: 92573008

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PROJ-002116
Pace Project No.: 92573008

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92573008001	**21321-SW-CONFLUENCE**	EPA 5030B/8015C Mod.	660802		
92573008002	**21321-SW-SUP2**	EPA 5030B/8015C Mod.	660802		
92573008003	**21321-SW-CONFLUENCE 2**	EPA 5030B/8015C Mod.	660802		
92573008004	**21321-SW-G**	EPA 5030B/8015C Mod.	660802		
92573008001	**21321-SW-CONFLUENCE**	EPA 8260D	660614		
92573008002	**21321-SW-SUP2**	EPA 8260D	660614		
92573008003	**21321-SW-CONFLUENCE 2**	EPA 8260D	660614		
92573008004	**21321-SW-G**	EPA 8260D	660614		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 92573008

92573008

AB USE ONLY

ist Pace Workorder Number or
e

Company: Montrose	Billing Information: 400 Northridge Rd, Suite 400 Sandy Springs, GA 30350
Address:	
Report To: Tnicolette@montrose-env.com	Email To: CKates@montrose-env.com
Copy To: Lee@montrose-env.com	Site Collection Info/Address:
Customer Project Name/Number: Proj-002116	State: NC / County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET

Phone: Email:	Site/Facility ID #:	Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Cole Cates	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required:	Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [✓] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: BTEX	Analyses: TPH-GRO	Lab Sample # / Comments
											92573008
21321-SW-Confluence	SW	G	11/17/21	0850				6	X	X	001
21321-SW-Seep 2	SW	G	11/17/21	0855				6	X	X	002
21321-SW-Confluence 2	SW	G	11/17/21	0900				6	X	X	003
21321-SW-G	SW	G	11/17/21	0905				6	X	X	004

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	Y	N	(NA)
pH Strips: _____			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

SW = Surface Water
G = Grab

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: bubble bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2696916

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 4.9 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 4.9 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time: 11/17/21 1149	Received by/Company: (Signature) Pace Mollison Smith	Date/Time: 11-17-21 11:49
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: 1 of: 1

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Huntersville, NC 28078
(704)875-9092

November 19, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: PROJ-00246
Pace Project No.: 92573011

Dear Alex Testoff:

Enclosed are the analytical results for sample(s) received by the laboratory on November 17, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Cole Cates, Environmental Planning Specialists, Inc.
J Culbreath, Colonial Pipeline Company
Robert Hughes, Colonial Pipeline Company
Cam Lee, Montrose Environmental Group
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Nicholas Nelson, Montrose Environmental Group, Inc.
Andrew Street, Apex Companies - NC
JM Wyatt, Colonial Pipeline Company

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CERTIFICATIONS

Project: PROJ-00246
Pace Project No.: 92573011

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

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SAMPLE ANALYTE COUNT

Project: PROJ-00246
Pace Project No.: 92573011

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92573011001	**21321-SW-1**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92573011002	**21321-SW-2**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92573011003	**21321-SW-3**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92573011004	**21321-SW-4**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92573011005	**21321-SW-5**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92573011006	**21321-SW-6**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92573011007	**21321-SW-7**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92573011008	**21321-SW-DUP**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92573011009	**21321-TRIP BLANK**	EPA 8260D	CL	9	PASI-C

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ANALYTICAL RESULTS

Project: PROJ-00246
Pace Project No.: 92573011

Sample: 21321-SW-1 **Lab ID: 92573011001** Collected: 11/17/21 10:00 Received: 11/17/21 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 14:51		
Surrogates								
4-Bromofluorobenzene (S)	87	%	70-130	1		11/18/21 14:51	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 09:41	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 09:41	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 09:41	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 09:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 09:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 09:41	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		11/18/21 09:41	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		11/18/21 09:41	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/18/21 09:41	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ-00246
Pace Project No.: 92573011

Sample: 21321-SW-2 **Lab ID: 92573011002** Collected: 11/17/21 09:45 Received: 11/17/21 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 15:19		
Surrogates								
4-Bromofluorobenzene (S)	85	%	70-130	1		11/18/21 15:19	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 09:59	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 09:59	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 09:59	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 09:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 09:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 09:59	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		11/18/21 09:59	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		11/18/21 09:59	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		11/18/21 09:59	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ-00246
Pace Project No.: 92573011

Sample: 21321-SW-3 **Lab ID: 92573011003** Collected: 11/17/21 09:30 Received: 11/17/21 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 15:48		
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-130	1		11/18/21 15:48	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 10:17	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 10:17	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 10:17	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 10:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 10:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 10:17	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		11/18/21 10:17	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130	1		11/18/21 10:17	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/18/21 10:17	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ-00246
Pace Project No.: 92573011

Sample: 21321-SW-4 **Lab ID: 92573011004** Collected: 11/17/21 10:20 Received: 11/17/21 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 16:16		
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-130	1		11/18/21 16:16	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 10:35	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 10:35	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 10:35	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 10:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 10:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 10:35	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		11/18/21 10:35	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		11/18/21 10:35	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		11/18/21 10:35	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ-00246
Pace Project No.: 92573011

Sample: 21321-SW-5 **Lab ID: 92573011005** Collected: 11/17/21 10:40 Received: 11/17/21 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 16:44		
Surrogates								
4-Bromofluorobenzene (S)	85	%	70-130	1		11/18/21 16:44	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 10:54	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 10:54	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 10:54	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 10:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 10:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 10:54	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		11/18/21 10:54	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130	1		11/18/21 10:54	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/18/21 10:54	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ-00246
Pace Project No.: 92573011

Sample: 21321-SW-6 **Lab ID: 92573011006** Collected: 11/17/21 10:55 Received: 11/17/21 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 17:12		
Surrogates								
4-Bromofluorobenzene (S)	85	%	70-130	1		11/18/21 17:12	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 11:12	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 11:12	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 11:12	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 11:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 11:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 11:12	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		11/18/21 11:12	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		11/18/21 11:12	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/18/21 11:12	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ-00246
Pace Project No.: 92573011

Sample: 21321-SW-7 **Lab ID: 92573011007** Collected: 11/17/21 11:10 Received: 11/17/21 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 17:40		
Surrogates								
4-Bromofluorobenzene (S)	85	%	70-130	1		11/18/21 17:40	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 11:30	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 11:30	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 11:30	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 11:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 11:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 11:30	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	70-130	1		11/18/21 11:30	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130	1		11/18/21 11:30	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/18/21 11:30	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ-00246
Pace Project No.: 92573011

Sample: 21321-SW-DUP **Lab ID: 92573011008** Collected: 11/17/21 12:00 Received: 11/17/21 12:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		11/18/21 18:08		
Surrogates								
4-Bromofluorobenzene (S)	83	%	70-130	1		11/18/21 18:08	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 11:48	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 11:48	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 11:48	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 11:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 11:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 11:48	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		11/18/21 11:48	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		11/18/21 11:48	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/18/21 11:48	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ-00246
Pace Project No.: 92573011

Sample: 21321-TRIP BLANK **Lab ID: 92573011009** Collected: 11/17/21 00:00 Received: 11/17/21 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		11/18/21 08:28	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/18/21 08:28	100-41-4	
Toluene	ND	ug/L	1.0	1		11/18/21 08:28	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/18/21 08:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/18/21 08:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/18/21 08:28	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		11/18/21 08:28	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		11/18/21 08:28	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/18/21 08:28	2037-26-5	

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QUALITY CONTROL DATA

Project: PROJ-00246
Pace Project No.: 92573011

QC Batch: 660802 | Analysis Method: EPA 5030B/8015C Mod.
QC Batch Method: EPA 5030B/8015C Mod. | Analysis Description: Gasoline Range Organics
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92573011001, 92573011002, 92573011003, 92573011004, 92573011005, 92573011006, 92573011007, 92573011008

METHOD BLANK: 3462295 Matrix: Water
Associated Lab Samples: 92573011001, 92573011002, 92573011003, 92573011004, 92573011005, 92573011006, 92573011007, 92573011008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	11/18/21 11:07	
4-Bromofluorobenzene (S)	%	88	70-130	11/18/21 11:07	

LABORATORY CONTROL SAMPLE: 3462296

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1	0.99	99	70-130	
4-Bromofluorobenzene (S)	%			91	70-130	

MATRIX SPIKE SAMPLE: 3462298

Parameter	Units	92573008002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.95	95	68-145	
4-Bromofluorobenzene (S)	%				87	70-130	

SAMPLE DUPLICATE: 3462297

Parameter	Units	92573008001 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	ND		
4-Bromofluorobenzene (S)	%	87	85		

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QUALITY CONTROL DATA

Project: PROJ-00246
Pace Project No.: 92573011

QC Batch: 660614
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV Low Level
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92573011001, 92573011002, 92573011003, 92573011004, 92573011005, 92573011006, 92573011007, 92573011008, 92573011009

METHOD BLANK: 3461566 Matrix: Water
Associated Lab Samples: 92573011001, 92573011002, 92573011003, 92573011004, 92573011005, 92573011006, 92573011007, 92573011008, 92573011009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	11/18/21 03:20	
Ethylbenzene	ug/L	ND	1.0	11/18/21 03:20	
m&p-Xylene	ug/L	ND	2.0	11/18/21 03:20	
o-Xylene	ug/L	ND	1.0	11/18/21 03:20	
Toluene	ug/L	ND	1.0	11/18/21 03:20	
Xylene (Total)	ug/L	ND	1.0	11/18/21 03:20	
1,2-Dichloroethane-d4 (S)	%	89	70-130	11/18/21 03:20	
4-Bromofluorobenzene (S)	%	95	70-130	11/18/21 03:20	
Toluene-d8 (S)	%	100	70-130	11/18/21 03:20	

LABORATORY CONTROL SAMPLE: 3461567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.2	102	70-130	
Ethylbenzene	ug/L	50	51.7	103	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
o-Xylene	ug/L	50	53.0	106	70-130	
Toluene	ug/L	50	51.0	102	70-130	
Xylene (Total)	ug/L	150	157	104	70-130	
1,2-Dichloroethane-d4 (S)	%			84	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3461568 3461569

Parameter	Units	92573008001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	20	20	22.5	20.6	113	103	67-150	9	
Ethylbenzene	ug/L	ND	20	20	22.1	20.5	110	102	68-143	7	
m&p-Xylene	ug/L	ND	40	40	44.3	41.5	111	104	53-157	7	
o-Xylene	ug/L	ND	20	20	22.5	21.1	112	105	68-143	6	
Toluene	ug/L	ND	20	20	22.3	20.7	112	104	47-157	7	
Xylene (Total)	ug/L	ND	60	60	66.7	62.5	111	104	66-145	7	
1,2-Dichloroethane-d4 (S)	%						85	87	70-130		
4-Bromofluorobenzene (S)	%						98	99	70-130		
Toluene-d8 (S)	%						101	100	70-130		

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QUALIFIERS

Project: PROJ-00246
Pace Project No.: 92573011

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PROJ-00246
Pace Project No.: 92573011

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92573011001	**21321-SW-1**	EPA 5030B/8015C Mod.	660802		
92573011002	**21321-SW-2**	EPA 5030B/8015C Mod.	660802		
92573011003	**21321-SW-3**	EPA 5030B/8015C Mod.	660802		
92573011004	**21321-SW-4**	EPA 5030B/8015C Mod.	660802		
92573011005	**21321-SW-5**	EPA 5030B/8015C Mod.	660802		
92573011006	**21321-SW-6**	EPA 5030B/8015C Mod.	660802		
92573011007	**21321-SW-7**	EPA 5030B/8015C Mod.	660802		
92573011008	**21321-SW-DUP**	EPA 5030B/8015C Mod.	660802		
92573011001	**21321-SW-1**	EPA 8260D	660614		
92573011002	**21321-SW-2**	EPA 8260D	660614		
92573011003	**21321-SW-3**	EPA 8260D	660614		
92573011004	**21321-SW-4**	EPA 8260D	660614		
92573011005	**21321-SW-5**	EPA 8260D	660614		
92573011006	**21321-SW-6**	EPA 8260D	660614		
92573011007	**21321-SW-7**	EPA 8260D	660614		
92573011008	**21321-SW-DUP**	EPA 8260D	660614		
92573011009	**21321-TRIP BLANK**	EPA 8260D	660614		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 92573011

92573011

Company: Montrose

Billing Information: 400 Northridge Rd. Suite 400 Sandy Springs, GA 30350

Address:

Report To: TriciaLette@montrose-env.com

Email To: CCates@montrose-env.com

Copy To: CLee@montrose-env.com

Site Collection Info/Address:

Customer Project Name/Number: Proj-002116

State: NC / County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET

Phone: ✓
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Cal Cates

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): Cal Cates

Turnaround Date Required:

Immediately Packed on Ice: [✓] Yes [ ] No

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: _____
[ ] Hold: _____

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [✓] 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	BTEX	TPH-GRO								
21321-SW-1	SW	G	11/17/21	1000				6	X	X								001
21321-SW-2				0945				6	X	X								002
21321-SW-3				0930				6	X	X								003
21321-SW-4				1020				6	X	X								004
21321-SW-5				1040				6	X	X								005
21321-SW-6				1055				6	X	X								006
21321-SW-7				1110				6	X	X								007
21321-SW-DUP				1200				6	X	X								008
21321-TripBlank	W	LAB		LAB				2	X									

Customer Remarks / Special Conditions / Possible Hazards:
W=Water
G=Grab
SW=Surface Water

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2696917

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92TD64
Cooler 1 Temp Upon Receipt: 4.9 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 4.9 oC
Comments:

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: 1 of: 1

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Cal Cates	11/17/21 1153	Pace Mt. Juliet	11-17-21 11:53
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	Y	N	(NA)
pH Strips: _____			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 21, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Air
Pace Project No.: 92566319

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Air
Pace Project No.: 92566319

Pace Analytical Services National
12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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SAMPLE SUMMARY

Project: 2020-L1-2448 Air
Pace Project No.: 92566319

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92566319001	**SYSTEM_1_INFLUENT**	Air	10/12/21 08:45	10/12/21 17:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Air
Pace Project No.: 92566319

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92566319001	**SYSTEM_1_INFLUENT**	TO-15	DAH	69	PAN

PAN = Pace National - Mt. Juliet

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Air
Pace Project No.: 92566319

Sample: SYSTEM_1_INFLUENT **Lab ID: 92566319001** Collected: 10/12/21 08:45 Received: 10/12/21 17:05 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15	Analytical Method: TO-15 Preparation Method: TO-15 Pace National - Mt. Juliet								
Gasoline Range Organics	**11500000**	ug/m3	8260000	1640000	10000	10/14/21 21:19	10/14/21 21:19	8006-61-9	
Acetone	**675000**	ug/m3	1190	556	400	10/13/21 22:02	10/13/21 22:02	67-64-1	E
Allyl chloride	ND	ug/m3	250	143	400	10/13/21 22:02	10/13/21 22:02	107-05-1	
Benzene	**229000**	ug/m3	6390	2280	10000	10/14/21 21:19	10/14/21 21:19	71-43-2	
Benzyl chloride	ND	ug/m3	416	124	400	10/13/21 22:02	10/13/21 22:02	100-44-7	
Bromodichloromethane	ND	ug/m3	537	188	400	10/13/21 22:02	10/13/21 22:02	75-27-4	
Bromoform	ND	ug/m3	2480	303	400	10/13/21 22:02	10/13/21 22:02	75-25-2	
Bromomethane	ND	ug/m3	311	153	400	10/13/21 22:02	10/13/21 22:02	74-83-9	
1,3-Butadiene	ND	ug/m3	1770	92.0	400	10/13/21 22:02	10/13/21 22:02	106-99-0	
Carbon disulfide	ND	ug/m3	249	127	400	10/13/21 22:02	10/13/21 22:02	75-15-0	
Carbon tetrachloride	ND	ug/m3	504	185	400	10/13/21 22:02	10/13/21 22:02	56-23-5	
Chlorobenzene	ND	ug/m3	370	154	400	10/13/21 22:02	10/13/21 22:02	108-90-7	
Chloroethane	ND	ug/m3	211	105	400	10/13/21 22:02	10/13/21 22:02	75-00-3	
Chloroform	ND	ug/m3	389	140	400	10/13/21 22:02	10/13/21 22:02	67-66-3	
Chloromethane	ND	ug/m3	165	85.1	400	10/13/21 22:02	10/13/21 22:02	74-87-3	
2-Chlorotoluene	ND	ug/m3	412	171	400	10/13/21 22:02	10/13/21 22:02	95-49-8	
Cyclohexane	**253000**	ug/m3	6890	2590	10000	10/14/21 21:19	10/14/21 21:19	110-82-7	
Dibromochloromethane	ND	ug/m3	681	248	400	10/13/21 22:02	10/13/21 22:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	615	221	400	10/13/21 22:02	10/13/21 22:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	481	308	400	10/13/21 22:02	10/13/21 22:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	481	438	400	10/13/21 22:02	10/13/21 22:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	481	134	400	10/13/21 22:02	10/13/21 22:02	106-46-7	
1,2-Dichloroethane	ND	ug/m3	324	113	400	10/13/21 22:02	10/13/21 22:02	107-06-2	
1,1-Dichloroethane	ND	ug/m3	321	116	400	10/13/21 22:02	10/13/21 22:02	75-34-3	
1,1-Dichloroethene	ND	ug/m3	317	121	400	10/13/21 22:02	10/13/21 22:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	317	124	400	10/13/21 22:02	10/13/21 22:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	317	107	400	10/13/21 22:02	10/13/21 22:02	156-60-5	
1,2-Dichloropropane	ND	ug/m3	370	140	400	10/13/21 22:02	10/13/21 22:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	363	125	400	10/13/21 22:02	10/13/21 22:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	363	132	400	10/13/21 22:02	10/13/21 22:02	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/m3	288	120	400	10/13/21 22:02	10/13/21 22:02	123-91-1	
Ethanol	**1190**	ug/m3	943	200	400	10/13/21 22:02	10/13/21 22:02	64-17-5	
Ethylbenzene	**51600**	ug/m3	347	145	400	10/13/21 22:02	10/13/21 22:02	100-41-4	
4-Ethyltoluene	**4060**	ug/m3	393	154	400	10/13/21 22:02	10/13/21 22:02	622-96-8	
Trichlorofluoromethane	ND	ug/m3	450	184	400	10/13/21 22:02	10/13/21 22:02	75-69-4	
Dichlorodifluoromethane	ND	ug/m3	396	271	400	10/13/21 22:02	10/13/21 22:02	75-71-8	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	613	243	400	10/13/21 22:02	10/13/21 22:02	76-13-1	
Dichlorotetrafluoroethane	ND	ug/m3	560	249	400	10/13/21 22:02	10/13/21 22:02	76-14-2	
n-Heptane	**369000**	ug/m3	8180	4250	10000	10/14/21 21:19	10/14/21 21:19	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	2690	448	400	10/13/21 22:02	10/13/21 22:02	87-68-3	
n-Hexane	**1360000**	ug/m3	22200	7260	10000	10/14/21 21:19	10/14/21 21:19	110-54-3	
Isopropylbenzene (Cumene)	**2020**	ug/m3	393	153	400	10/13/21 22:02	10/13/21 22:02	98-82-8	
Methylene Chloride	ND	ug/m3	278	136	400	10/13/21 22:02	10/13/21 22:02	75-09-2	
2-Hexanone	ND	ug/m3	2040	218	400	10/13/21 22:02	10/13/21 22:02	591-78-6	
2-Butanone (MEK)	ND	ug/m3	1470	96.1	400	10/13/21 22:02	10/13/21 22:02	78-93-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Air
Pace Project No.: 92566319

Sample: SYSTEM_1_INFLUENT **Lab ID: 92566319001** Collected: 10/12/21 08:45 Received: 10/12/21 17:05 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15	Analytical Method: TO-15 Preparation Method: TO-15 Pace National - Mt. Juliet								
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	2050	125	400	10/13/21 22:02	10/13/21 22:02	108-10-1	
Methyl methacrylate	ND	ug/m3	328	143	400	10/13/21 22:02	10/13/21 22:02	80-62-6	
Methyl-tert-butyl ether	ND	ug/m3	288	93.3	400	10/13/21 22:02	10/13/21 22:02	1634-04-4	
Naphthalene	ND	ug/m3	1320	733	400	10/13/21 22:02	10/13/21 22:02	91-20-3	
2-Propanol	**420000**	ug/m3	30700	6490	10000	10/14/21 21:19	10/14/21 21:19	67-63-0	
Propylene	ND	ug/m3	861	64.2	400	10/13/21 22:02	10/13/21 22:02	115-07-1	
Styrene	ND	ug/m3	340	134	400	10/13/21 22:02	10/13/21 22:02	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	550	204	400	10/13/21 22:02	10/13/21 22:02	79-34-5	
Tetrachloroethene	ND	ug/m3	543	221	400	10/13/21 22:02	10/13/21 22:02	127-18-4	
Tetrahydrofuran	ND	ug/m3	236	86.7	400	10/13/21 22:02	10/13/21 22:02	109-99-9	
Toluene	**840000**	ug/m3	18800	3280	10000	10/14/21 21:19	10/14/21 21:19	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	1870	438	400	10/13/21 22:02	10/13/21 22:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	435	160	400	10/13/21 22:02	10/13/21 22:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	435	169	400	10/13/21 22:02	10/13/21 22:02	79-00-5	
Trichloroethene	ND	ug/m3	429	146	400	10/13/21 22:02	10/13/21 22:02	79-01-6	
1,2,4-Trimethylbenzene	**8790**	ug/m3	393	150	400	10/13/21 22:02	10/13/21 22:02	95-63-6	
1,3,5-Trimethylbenzene	**4370**	ug/m3	393	153	400	10/13/21 22:02	10/13/21 22:02	108-67-8	
2,2,4-Trimethylpentane	ND	ug/m3	374	249	400	10/13/21 22:02	10/13/21 22:02	540-84-1	
Vinyl chloride	ND	ug/m3	204	97.1	400	10/13/21 22:02	10/13/21 22:02	75-01-4	
Vinyl bromide	ND	ug/m3	350	149	400	10/13/21 22:02	10/13/21 22:02	593-60-2	
Vinyl acetate	ND	ug/m3	282	163	400	10/13/21 22:02	10/13/21 22:02	108-05-4	
m&p-Xylene	**154000**	ug/m3	694	234	400	10/13/21 22:02	10/13/21 22:02	179601-23-1	
o-Xylene	**49000**	ug/m3	347	144	400	10/13/21 22:02	10/13/21 22:02	95-47-6	
Surrogates									
1,4-Dichlorobenzene-d4 (IS)	95.7	%	60.0-140		400	10/13/21 22:02	10/13/21 22:02	3855-82-1	
1,4-Dichlorobenzene-d4 (IS)	91.8	%	60.0-140		10000	10/14/21 21:19	10/14/21 21:19	3855-82-1	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Air
Pace Project No.: 92566319

QC Batch: 1756417
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: VOA (MS) TO-15
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92566319001

METHOD BLANK: R3716287-3 Matrix: Air
Associated Lab Samples: 92566319001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Acetone	ug/m3	ND	2.97	1.39	10/13/21 09:43	
Allyl chloride	ug/m3	ND	0.626	0.357	10/13/21 09:43	
Benzyl chloride	ug/m3	ND	1.04	0.311	10/13/21 09:43	
Bromodichloromethane	ug/m3	ND	1.34	0.471	10/13/21 09:43	
Bromoform	ug/m3	ND	6.21	0.757	10/13/21 09:43	
Bromomethane	ug/m3	ND	0.776	0.381	10/13/21 09:43	
1,3-Butadiene	ug/m3	ND	4.43	0.230	10/13/21 09:43	
Carbon disulfide	ug/m3	ND	0.622	0.317	10/13/21 09:43	
Carbon tetrachloride	ug/m3	ND	1.26	0.461	10/13/21 09:43	
Chlorobenzene	ug/m3	ND	0.924	0.385	10/13/21 09:43	
Chloroethane	ug/m3	ND	0.528	0.263	10/13/21 09:43	
Chloroform	ug/m3	ND	0.973	0.349	10/13/21 09:43	
Chloromethane	ug/m3	ND	0.413	0.213	10/13/21 09:43	
2-Chlorotoluene	ug/m3	ND	1.03	0.427	10/13/21 09:43	
Dibromochloromethane	ug/m3	ND	1.70	0.618	10/13/21 09:43	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.54	0.554	10/13/21 09:43	
1,2-Dichlorobenzene	ug/m3	ND	1.20	0.770	10/13/21 09:43	
1,3-Dichlorobenzene	ug/m3	ND	1.20	1.09	10/13/21 09:43	
1,4-Dichlorobenzene	ug/m3	ND	1.20	0.335	10/13/21 09:43	
1,2-Dichloroethane	ug/m3	ND	0.810	0.283	10/13/21 09:43	
1,1-Dichloroethane	ug/m3	ND	0.802	0.290	10/13/21 09:43	
1,1-Dichloroethene	ug/m3	ND	0.793	0.302	10/13/21 09:43	
cis-1,2-Dichloroethene	ug/m3	ND	0.793	0.311	10/13/21 09:43	
trans-1,2-Dichloroethene	ug/m3	ND	0.793	0.267	10/13/21 09:43	
1,2-Dichloropropane	ug/m3	ND	0.924	0.351	10/13/21 09:43	
cis-1,3-Dichloropropene	ug/m3	ND	0.908	0.313	10/13/21 09:43	
trans-1,3-Dichloropropene	ug/m3	ND	0.908	0.331	10/13/21 09:43	
1,4-Dioxane (p-Dioxane)	ug/m3	ND	0.721	0.300	10/13/21 09:43	
Ethylbenzene	ug/m3	ND	0.867	0.362	10/13/21 09:43	
4-Ethyltoluene	ug/m3	ND	0.982	0.384	10/13/21 09:43	
Trichlorofluoromethane	ug/m3	ND	1.12	0.460	10/13/21 09:43	
Dichlorodifluoromethane	ug/m3	ND	0.989	0.678	10/13/21 09:43	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.53	0.608	10/13/21 09:43	
Dichlorotetrafluoroethane	ug/m3	ND	1.40	0.622	10/13/21 09:43	
Hexachloro-1,3-butadiene	ug/m3	ND	6.73	1.12	10/13/21 09:43	
Isopropylbenzene (Cumene)	ug/m3	ND	0.983	0.382	10/13/21 09:43	
Methylene Chloride	ug/m3	ND	0.694	0.340	10/13/21 09:43	
2-Hexanone	ug/m3	ND	5.11	0.544	10/13/21 09:43	
2-Butanone (MEK)	ug/m3	ND	3.69	0.240	10/13/21 09:43	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	5.12	0.313	10/13/21 09:43	

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Air
Pace Project No.: 92566319

METHOD BLANK: R3716287-3 Matrix: Air
Associated Lab Samples: 92566319001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methyl methacrylate	ug/m3	ND	0.819	0.359	10/13/21 09:43	
Methyl-tert-butyl ether	ug/m3	ND	0.721	0.233	10/13/21 09:43	
Naphthalene	ug/m3	ND	3.30	1.83	10/13/21 09:43	
Propylene	ug/m3	ND	2.15	0.160	10/13/21 09:43	
Styrene	ug/m3	ND	0.851	0.335	10/13/21 09:43	
1,1,2,2-Tetrachloroethane	ug/m3	ND	1.37	0.511	10/13/21 09:43	
Tetrachloroethene	ug/m3	ND	1.36	0.553	10/13/21 09:43	
Tetrahydrofuran	ug/m3	ND	0.590	0.216	10/13/21 09:43	
1,2,4-Trichlorobenzene	ug/m3	ND	4.66	1.10	10/13/21 09:43	
1,1,1-Trichloroethane	ug/m3	ND	1.09	0.400	10/13/21 09:43	
1,1,2-Trichloroethane	ug/m3	ND	1.09	0.422	10/13/21 09:43	
Trichloroethene	ug/m3	ND	1.07	0.364	10/13/21 09:43	
1,2,4-Trimethylbenzene	ug/m3	ND	0.982	0.375	10/13/21 09:43	
1,3,5-Trimethylbenzene	ug/m3	ND	0.982	0.382	10/13/21 09:43	
2,2,4-Trimethylpentane	ug/m3	ND	0.934	0.621	10/13/21 09:43	
Vinyl chloride	ug/m3	ND	0.511	0.243	10/13/21 09:43	
Vinyl bromide	ug/m3	ND	0.875	0.373	10/13/21 09:43	
Vinyl acetate	ug/m3	ND	0.704	0.408	10/13/21 09:43	
m&p-Xylene	ug/m3	ND	1.73	0.585	10/13/21 09:43	
o-Xylene	ug/m3	ND	0.867	0.359	10/13/21 09:43	
Ethanol	ug/m3	ND	2.36	0.500	10/13/21 09:43	
1,4-Dichlorobenzene-d4 (IS)	%	98.3	60.0-140		10/13/21 09:43	

LABORATORY CONTROL SAMPLE & LCSD: R3716287-1 R3716287-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethanol	ug/m3	3.75	7.15	6.83	101	96.5	55.0-148	4.59	25	
Propylene	ug/m3	3.75	6.30	6.25	97.6	96.8	64.0-144	0.823	25	
Dichlorodifluoromethane	ug/m3	3.75	18.3	18.2	98.7	97.9	64.0-139	0.814	25	
Dichlorotetrafluoroethane	ug/m3	3.75	25.8	25.5	98.4	97.3	70.0-130	1.09	25	
Chloromethane	ug/m3	3.75	7.77	7.44	100	96.0	70.0-130	4.35	25	
Vinyl chloride	ug/m3	3.75	9.61	9.25	100	96.5	70.0-130	3.79	25	
1,3-Butadiene	ug/m3	3.75	8.45	8.34	102	101	70.0-130	1.32	25	
Bromomethane	ug/m3	3.75	14.1	13.9	96.8	95.5	70.0-130	1.39	25	
Chloroethane	ug/m3	3.75	9.29	9.39	93.9	94.9	70.0-130	1.13	25	
Trichlorofluoromethane	ug/m3	3.75	20.5	20.4	97.3	96.8	70.0-130	0.549	25	
1,1,2-Trichlorotrifluoroethane	ug/m3	3.75	28.4	28.4	98.9	98.7	70.0-130	0.270	25	
1,1-Dichloroethene	ug/m3	3.75	14.5	14.3	97.9	96.3	70.0-130	1.65	25	
1,1-Dichloroethane	ug/m3	3.75	14.8	14.8	98.1	98.7	70.0-130	0.542	25	
Acetone	ug/m3	3.75	8.53	8.32	95.7	93.3	70.0-130	2.54	25	
Carbon disulfide	ug/m3	3.75	11.6	11.4	99.5	97.3	70.0-130	2.17	25	
Methylene Chloride	ug/m3	3.75	12.8	12.5	98.7	95.7	70.0-130	3.02	25	
Methyl-tert-butyl ether	ug/m3	3.75	12.9	12.8	95.2	94.4	70.0-130	0.844	25	
trans-1,2-Dichloroethene	ug/m3	3.75	15.0	14.7	101	98.9	70.0-130	1.87	25	

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Air
Pace Project No.: 92566319

LABORATORY CONTROL SAMPLE & LCSD: R3716287-1 R3716287-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Vinyl acetate	ug/m3	3.75	12.5	12.4	94.7	93.6	70.0-130	1.13	25	
2-Butanone (MEK)	ug/m3	3.75	10.6	11.0	96.3	99.5	70.0-130	3.27	25	
cis-1,2-Dichloroethene	ug/m3	3.75	14.7	14.5	99.2	97.3	70.0-130	1.90	25	
Chloroform	ug/m3	3.75	17.8	17.7	97.3	97.1	70.0-130	0.274	25	
1,1,1-Trichloroethane	ug/m3	3.75	20.2	20.2	98.9	99.2	70.0-130	0.269	25	
Carbon tetrachloride	ug/m3	3.75	23.8	23.2	101	98.4	70.0-130	2.41	25	
1,2-Dichloroethane	ug/m3	3.75	15.1	14.9	99.2	97.9	70.0-130	1.35	25	
Trichloroethene	ug/m3	3.75	20.0	19.8	99.7	98.4	70.0-130	1.35	25	
1,2-Dichloropropane	ug/m3	3.75	17.3	17.4	100	100	70.0-130	0.266	25	
1,4-Dioxane (p-Dioxane)	ug/m3	3.75	13.0	12.8	96.0	94.7	70.0-140	1.40	25	
Bromodichloromethane	ug/m3	3.75	25.2	25.4	100	101	70.0-130	0.795	25	
cis-1,3-Dichloropropene	ug/m3	3.75	16.9	17.2	99.2	101	70.0-130	1.86	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	3.75	14.9	14.7	97.3	95.5	70.0-139	1.94	25	
trans-1,3-Dichloropropene	ug/m3	3.75	17.3	17.3	102	102	70.0-130	0.00	25	
1,1,2-Trichloroethane	ug/m3	3.75	20.0	19.9	97.9	97.6	70.0-130	0.273	25	
Tetrachloroethene	ug/m3	3.75	24.8	24.6	97.6	96.5	70.0-130	1.10	25	
2-Hexanone	ug/m3	3.75	15.3	14.9	99.7	97.1	70.0-149	2.71	25	
Dibromochloromethane	ug/m3	3.75	31.6	31.3	98.9	98.1	70.0-130	0.812	25	
1,2-Dibromoethane (EDB)	ug/m3	3.75	28.4	28.8	98.4	100	70.0-130	1.61	25	
Chlorobenzene	ug/m3	3.75	17.2	17.1	99.5	98.9	70.0-130	0.538	25	
Ethylbenzene	ug/m3	3.75	16.1	16.3	99.2	100	70.0-130	1.07	25	
m&p-Xylene	ug/m3	7.50	32.1	31.9	98.8	98.1	70.0-130	0.677	25	
o-Xylene	ug/m3	3.75	16.1	16.0	98.9	98.1	70.0-130	0.812	25	
Styrene	ug/m3	3.75	16.3	16.4	102	103	70.0-130	0.260	25	
Bromoform	ug/m3	3.75	38.2	38.6	98.4	99.5	70.0-130	1.08	25	
1,1,2,2-Tetrachloroethane	ug/m3	3.75	25.7	24.9	99.7	96.8	70.0-130	2.99	25	
4-Ethyltoluene	ug/m3	3.75	18.6	18.5	101	100	70.0-130	0.795	25	
1,3,5-Trimethylbenzene	ug/m3	3.75	18.6	18.3	101	99.5	70.0-130	1.33	25	
1,2,4-Trimethylbenzene	ug/m3	3.75	18.2	17.9	98.7	97.3	70.0-130	1.36	25	
1,3-Dichlorobenzene	ug/m3	3.75	23.7	23.7	105	105	70.0-130	0.00	25	
1,4-Dichlorobenzene	ug/m3	3.75	23.9	23.6	106	105	70.0-130	1.52	25	
Benzyl chloride	ug/m3	3.75	20.3	19.9	104	102	70.0-152	1.55	25	
1,2-Dichlorobenzene	ug/m3	3.75	23.7	23.2	105	103	70.0-130	2.05	25	
1,2,4-Trichlorobenzene	ug/m3	3.75	28.6	28.5	103	103	70.0-160	0.518	25	
Hexachloro-1,3-butadiene	ug/m3	3.75	37.8	37.9	94.4	94.7	70.0-151	0.282	25	
Naphthalene	ug/m3	3.75	19.7	19.7	100	101	70.0-159	0.266	25	
Allyl chloride	ug/m3	3.75	11.6	11.4	98.7	97.1	70.0-130	1.63	25	
2-Chlorotoluene	ug/m3	3.75	19.3	19.4	99.7	100	70.0-130	0.533	25	
Methyl methacrylate	ug/m3	3.75	15.5	15.0	101	97.6	70.0-130	3.23	25	
Tetrahydrofuran	ug/m3	3.75	10.9	10.6	98.4	96.0	70.0-137	2.47	25	
2,2,4-Trimethylpentane	ug/m3	3.75	17.3	16.8	98.7	95.7	70.0-130	3.02	25	
Vinyl bromide	ug/m3	3.75	15.9	15.9	97.1	97.1	70.0-130	0.00	25	
Isopropylbenzene (Cumene)	ug/m3	3.75	18.4	18.4	100	99.7	70.0-130	0.267	25	
1,4-Dichlorobenzene-d4 (IS)	%				101	101	60.0-140			

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Air
Pace Project No.: 92566319

QC Batch: 1756988
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: VOA (MS) TO-15
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92566319001

METHOD BLANK: R3716452-3 Matrix: Air
Associated Lab Samples: 92566319001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/m3	ND	0.639	0.228	10/14/21 10:09	
Cyclohexane	ug/m3	ND	0.689	0.259	10/14/21 10:09	
n-Heptane	ug/m3	ND	0.818	0.425	10/14/21 10:09	
n-Hexane	ug/m3	ND	2.22	0.726	10/14/21 10:09	
2-Propanol	ug/m3	ND	3.07	0.649	10/14/21 10:09	
Toluene	ug/m3	ND	1.88	0.328	10/14/21 10:09	
Gasoline Range Organics	ug/m3	ND	826	164	10/14/21 10:09	
1,4-Dichlorobenzene-d4 (IS)	%	89.8	60.0-140		10/14/21 10:09	

LABORATORY CONTROL SAMPLE & LCSD: R3716452-1 R3716452-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2-Propanol	ug/m3	3.75	7.52	7.62	81.6	82.7	70.0-139	1.30	25	
n-Hexane	ug/m3	3.75	11.3	11.8	85.3	89.1	70.0-130	4.28	25	
Cyclohexane	ug/m3	3.75	12.4	12.3	96.0	95.2	70.0-130	0.837	25	
Benzene	ug/m3	3.75	11.8	12.0	98.7	100	70.0-130	1.61	25	
n-Heptane	ug/m3	3.75	14.8	14.7	96.5	95.7	70.0-130	0.832	25	
Toluene	ug/m3	3.75	14.5	14.4	102	102	70.0-130	0.522	25	
Gasoline Range Organics	ug/m3	203	880	884	105	105	70.0-130	0.468	25	
1,4-Dichlorobenzene-d4 (IS)	%				95.4	95.0	60.0-140			

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QUALIFIERS

Project: 2020-L1-2448 Air
Pace Project No.: 92566319

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.

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Huntersville, NC 28078
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Air
Pace Project No.: 92566319

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92566319001	**SYSTEM_1_INFLUENT**	TO-15	1756417	TO-15	1756417
92566319001	**SYSTEM_1_INFLUENT**	TO-15	1756988	TO-15	1756988

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or

WO# : 92566319

92566319

ALL SHADE

Company: APEX Companies, LLC	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To: Matt Teixeira	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): J. Schlaudt	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative

** Preservative Types: (1) nitric acid, (2) sulfuric ... orbic acid, (8) ammonium sulfate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: TO-15 VOCA	Analyses: TPHC	Flow (Ft./min)	Temp (°C)	Lab Sample # / Comments
System_1_Influent	AR	G	10-12-21	0845				1	X	X	456	20.0	001
System_2_Influent	AR	G	10-12-21	1000				1	X	X	360	23.7	002

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

92566319

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: None

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546876

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92D064
Cooler 1 Temp Upon Receipt: n/a oC
Cooler 1 Therm Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: n/a oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
/APEX	10-12-2021 1705	Pace Madison Sales	10-12-21 17:05
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

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October 19, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on October 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

Pace Analytical Services National
12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92566627001	**SYSTEM_2_INFLUENT**	Air	10/13/21 13:10	10/13/21 16:45

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92566627001	**SYSTEM_2_INFLUENT**	TO-15	DAH	69	PAN

PAN = Pace National - Mt. Juliet

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

Sample: SYSTEM_2_INFLUENT **Lab ID: 92566627001** Collected: 10/13/21 13:10 Received: 10/13/21 16:45 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15	Analytical Method: TO-15 Preparation Method: TO-15 Pace National - Mt. Juliet								
Gasoline Range Organics	**2590**	ug/m3	826	164	1	10/14/21 23:24	10/14/21 23:24	8006-61-9	
Acetone	ND	ug/m3	2.97	1.39	1	10/14/21 23:24	10/14/21 23:24	67-64-1	
Allyl chloride	ND	ug/m3	0.626	0.357	1	10/14/21 23:24	10/14/21 23:24	107-05-1	
Benzene	**45.0**	ug/m3	0.639	0.228	1	10/14/21 23:24	10/14/21 23:24	71-43-2	
Benzyl chloride	ND	ug/m3	1.04	0.311	1	10/14/21 23:24	10/14/21 23:24	100-44-7	
Bromodichloromethane	ND	ug/m3	1.34	0.471	1	10/14/21 23:24	10/14/21 23:24	75-27-4	
Bromoform	ND	ug/m3	6.21	0.757	1	10/14/21 23:24	10/14/21 23:24	75-25-2	
Bromomethane	ND	ug/m3	0.776	0.381	1	10/14/21 23:24	10/14/21 23:24	74-83-9	
1,3-Butadiene	ND	ug/m3	4.43	0.230	1	10/14/21 23:24	10/14/21 23:24	106-99-0	
Carbon disulfide	ND	ug/m3	0.622	0.317	1	10/14/21 23:24	10/14/21 23:24	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.26	0.461	1	10/14/21 23:24	10/14/21 23:24	56-23-5	
Chlorobenzene	ND	ug/m3	0.924	0.385	1	10/14/21 23:24	10/14/21 23:24	108-90-7	
Chloroethane	ND	ug/m3	0.528	0.263	1	10/14/21 23:24	10/14/21 23:24	75-00-3	
Chloroform	ND	ug/m3	0.973	0.349	1	10/14/21 23:24	10/14/21 23:24	67-66-3	
Chloromethane	ND	ug/m3	0.413	0.213	1	10/14/21 23:24	10/14/21 23:24	74-87-3	
2-Chlorotoluene	ND	ug/m3	1.03	0.427	1	10/14/21 23:24	10/14/21 23:24	95-49-8	
Cyclohexane	**51.7**	ug/m3	0.689	0.259	1	10/14/21 23:24	10/14/21 23:24	110-82-7	
Dibromochloromethane	ND	ug/m3	1.70	0.618	1	10/14/21 23:24	10/14/21 23:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.54	0.554	1	10/14/21 23:24	10/14/21 23:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.20	0.770	1	10/14/21 23:24	10/14/21 23:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.20	1.09	1	10/14/21 23:24	10/14/21 23:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.20	0.335	1	10/14/21 23:24	10/14/21 23:24	106-46-7	
1,2-Dichloroethane	ND	ug/m3	0.810	0.283	1	10/14/21 23:24	10/14/21 23:24	107-06-2	
1,1-Dichloroethane	ND	ug/m3	0.802	0.290	1	10/14/21 23:24	10/14/21 23:24	75-34-3	
1,1-Dichloroethene	ND	ug/m3	0.793	0.302	1	10/14/21 23:24	10/14/21 23:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.793	0.311	1	10/14/21 23:24	10/14/21 23:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.793	0.267	1	10/14/21 23:24	10/14/21 23:24	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.924	0.351	1	10/14/21 23:24	10/14/21 23:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.908	0.313	1	10/14/21 23:24	10/14/21 23:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.908	0.331	1	10/14/21 23:24	10/14/21 23:24	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/m3	0.721	0.300	1	10/14/21 23:24	10/14/21 23:24	123-91-1	
Ethanol	ND	ug/m3	2.36	0.500	1	10/14/21 23:24	10/14/21 23:24	64-17-5	
Ethylbenzene	**16.4**	ug/m3	0.867	0.362	1	10/14/21 23:24	10/14/21 23:24	100-41-4	
4-Ethyltoluene	**5.25**	ug/m3	0.982	0.384	1	10/14/21 23:24	10/14/21 23:24	622-96-8	
Trichlorofluoromethane	ND	ug/m3	1.12	0.460	1	10/14/21 23:24	10/14/21 23:24	75-69-4	
Dichlorodifluoromethane	ND	ug/m3	0.989	0.678	1	10/14/21 23:24	10/14/21 23:24	75-71-8	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.53	0.608	1	10/14/21 23:24	10/14/21 23:24	76-13-1	
Dichlorotetrafluoroethane	ND	ug/m3	1.40	0.622	1	10/14/21 23:24	10/14/21 23:24	76-14-2	
n-Heptane	**77.7**	ug/m3	0.818	0.425	1	10/14/21 23:24	10/14/21 23:24	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	6.73	1.12	1	10/14/21 23:24	10/14/21 23:24	87-68-3	
n-Hexane	**218**	ug/m3	2.22	0.726	1	10/14/21 23:24	10/14/21 23:24	110-54-3	
Isopropylbenzene (Cumene)	**0.777J**	ug/m3	0.983	0.382	1	10/14/21 23:24	10/14/21 23:24	98-82-8	J
Methylene Chloride	ND	ug/m3	0.694	0.340	1	10/14/21 23:24	10/14/21 23:24	75-09-2	
2-Hexanone	ND	ug/m3	5.11	0.544	1	10/14/21 23:24	10/14/21 23:24	591-78-6	
2-Butanone (MEK)	ND	ug/m3	3.69	0.240	1	10/14/21 23:24	10/14/21 23:24	78-93-3	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

Sample: SYSTEM_2_INFLUENT **Lab ID: 92566627001** Collected: 10/13/21 13:10 Received: 10/13/21 16:45 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15	Analytical Method: TO-15 Preparation Method: TO-15								
	Pace National - Mt. Juliet								
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	5.12	0.313	1	10/14/21 23:24	10/14/21 23:24	108-10-1	
Methyl methacrylate	ND	ug/m3	0.819	0.359	1	10/14/21 23:24	10/14/21 23:24	80-62-6	
Methyl-tert-butyl ether	ND	ug/m3	0.721	0.233	1	10/14/21 23:24	10/14/21 23:24	1634-04-4	
Naphthalene	ND	ug/m3	3.30	1.83	1	10/14/21 23:24	10/14/21 23:24	91-20-3	
2-Propanol	**7.20**	ug/m3	3.07	0.649	1	10/14/21 23:24	10/14/21 23:24	67-63-0	
Propylene	**1.09J**	ug/m3	2.15	0.160	1	10/14/21 23:24	10/14/21 23:24	115-07-1	B,J
Styrene	ND	ug/m3	0.851	0.335	1	10/14/21 23:24	10/14/21 23:24	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.37	0.511	1	10/14/21 23:24	10/14/21 23:24	79-34-5	
Tetrachloroethene	ND	ug/m3	1.36	0.553	1	10/14/21 23:24	10/14/21 23:24	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.590	0.216	1	10/14/21 23:24	10/14/21 23:24	109-99-9	
Toluene	**170**	ug/m3	1.88	0.328	1	10/14/21 23:24	10/14/21 23:24	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	4.66	1.10	1	10/14/21 23:24	10/14/21 23:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.09	0.400	1	10/14/21 23:24	10/14/21 23:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	1.09	0.422	1	10/14/21 23:24	10/14/21 23:24	79-00-5	
Trichloroethene	ND	ug/m3	1.07	0.364	1	10/14/21 23:24	10/14/21 23:24	79-01-6	
1,2,4-Trimethylbenzene	**2.95**	ug/m3	0.982	0.375	1	10/14/21 23:24	10/14/21 23:24	95-63-6	
1,3,5-Trimethylbenzene	**1.60**	ug/m3	0.982	0.382	1	10/14/21 23:24	10/14/21 23:24	108-67-8	
2,2,4-Trimethylpentane	**247**	ug/m3	0.934	0.621	1	10/14/21 23:24	10/14/21 23:24	540-84-1	
Vinyl chloride	ND	ug/m3	0.511	0.243	1	10/14/21 23:24	10/14/21 23:24	75-01-4	
Vinyl bromide	ND	ug/m3	0.875	0.373	1	10/14/21 23:24	10/14/21 23:24	593-60-2	
Vinyl acetate	ND	ug/m3	0.704	0.408	1	10/14/21 23:24	10/14/21 23:24	108-05-4	
m&p-Xylene	**47.7**	ug/m3	1.73	0.585	1	10/14/21 23:24	10/14/21 23:24	179601-23-1	
o-Xylene	**14.7**	ug/m3	0.867	0.359	1	10/14/21 23:24	10/14/21 23:24	95-47-6	
Surrogates									
1,4-Dichlorobenzene-d4 (IS)	90.9	%	60.0-140		1	10/14/21 23:24	10/14/21 23:24	3855-82-1	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

QC Batch: 1756988
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: VOA (MS) TO-15
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92566627001

METHOD BLANK: R3716452-3 Matrix: Air
Associated Lab Samples: 92566627001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Acetone	ug/m3	ND	2.97	1.39	10/14/21 10:09	
Allyl chloride	ug/m3	ND	0.626	0.357	10/14/21 10:09	
Benzene	ug/m3	ND	0.639	0.228	10/14/21 10:09	
Benzyl chloride	ug/m3	0.506J	1.04	0.311	10/14/21 10:09	J
Bromodichloromethane	ug/m3	ND	1.34	0.471	10/14/21 10:09	
Bromoform	ug/m3	ND	6.21	0.757	10/14/21 10:09	
Bromomethane	ug/m3	ND	0.776	0.381	10/14/21 10:09	
1,3-Butadiene	ug/m3	ND	4.43	0.230	10/14/21 10:09	
Carbon disulfide	ug/m3	ND	0.622	0.317	10/14/21 10:09	
Carbon tetrachloride	ug/m3	ND	1.26	0.461	10/14/21 10:09	
Chlorobenzene	ug/m3	ND	0.924	0.385	10/14/21 10:09	
Chloroethane	ug/m3	ND	0.528	0.263	10/14/21 10:09	
Chloroform	ug/m3	ND	0.973	0.349	10/14/21 10:09	
Chloromethane	ug/m3	ND	0.413	0.213	10/14/21 10:09	
2-Chlorotoluene	ug/m3	ND	1.03	0.427	10/14/21 10:09	
Cyclohexane	ug/m3	ND	0.689	0.259	10/14/21 10:09	
Dibromochloromethane	ug/m3	ND	1.70	0.618	10/14/21 10:09	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.54	0.554	10/14/21 10:09	
1,2-Dichlorobenzene	ug/m3	ND	1.20	0.770	10/14/21 10:09	
1,3-Dichlorobenzene	ug/m3	ND	1.20	1.09	10/14/21 10:09	
1,4-Dichlorobenzene	ug/m3	0.560J	1.20	0.335	10/14/21 10:09	J
1,2-Dichloroethane	ug/m3	ND	0.810	0.283	10/14/21 10:09	
1,1-Dichloroethane	ug/m3	ND	0.802	0.290	10/14/21 10:09	
1,1-Dichloroethene	ug/m3	ND	0.793	0.302	10/14/21 10:09	
cis-1,2-Dichloroethene	ug/m3	ND	0.793	0.311	10/14/21 10:09	
trans-1,2-Dichloroethene	ug/m3	ND	0.793	0.267	10/14/21 10:09	
1,2-Dichloropropane	ug/m3	ND	0.924	0.351	10/14/21 10:09	
cis-1,3-Dichloropropene	ug/m3	ND	0.908	0.313	10/14/21 10:09	
trans-1,3-Dichloropropene	ug/m3	ND	0.908	0.331	10/14/21 10:09	
1,4-Dioxane (p-Dioxane)	ug/m3	ND	0.721	0.300	10/14/21 10:09	
Ethylbenzene	ug/m3	ND	0.867	0.362	10/14/21 10:09	
4-Ethyltoluene	ug/m3	ND	0.982	0.384	10/14/21 10:09	
Trichlorofluoromethane	ug/m3	ND	1.12	0.460	10/14/21 10:09	
Dichlorodifluoromethane	ug/m3	ND	0.989	0.678	10/14/21 10:09	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.53	0.608	10/14/21 10:09	
Dichlorotetrafluoroethane	ug/m3	ND	1.40	0.622	10/14/21 10:09	
n-Heptane	ug/m3	ND	0.818	0.425	10/14/21 10:09	
Hexachloro-1,3-butadiene	ug/m3	ND	6.73	1.12	10/14/21 10:09	
n-Hexane	ug/m3	ND	2.22	0.726	10/14/21 10:09	
Isopropylbenzene (Cumene)	ug/m3	ND	0.983	0.382	10/14/21 10:09	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

METHOD BLANK: R3716452-3 Matrix: Air
Associated Lab Samples: 92566627001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methylene Chloride	ug/m3	ND	0.694	0.340	10/14/21 10:09	
2-Hexanone	ug/m3	ND	5.11	0.544	10/14/21 10:09	
2-Butanone (MEK)	ug/m3	ND	3.69	0.240	10/14/21 10:09	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	5.12	0.313	10/14/21 10:09	
Methyl methacrylate	ug/m3	ND	0.819	0.359	10/14/21 10:09	
Methyl-tert-butyl ether	ug/m3	ND	0.721	0.233	10/14/21 10:09	
Naphthalene	ug/m3	ND	3.30	1.83	10/14/21 10:09	
2-Propanol	ug/m3	ND	3.07	0.649	10/14/21 10:09	
Propylene	ug/m3	0.491J	2.15	0.160	10/14/21 10:09	J
Styrene	ug/m3	ND	0.851	0.335	10/14/21 10:09	
1,1,2,2-Tetrachloroethane	ug/m3	ND	1.37	0.511	10/14/21 10:09	
Tetrachloroethene	ug/m3	ND	1.36	0.553	10/14/21 10:09	
Tetrahydrofuran	ug/m3	ND	0.590	0.216	10/14/21 10:09	
Toluene	ug/m3	ND	1.88	0.328	10/14/21 10:09	
1,2,4-Trichlorobenzene	ug/m3	10.7	4.66	1.10	10/14/21 10:09	
1,1,1-Trichloroethane	ug/m3	ND	1.09	0.400	10/14/21 10:09	
1,1,2-Trichloroethane	ug/m3	ND	1.09	0.422	10/14/21 10:09	
Trichloroethene	ug/m3	ND	1.07	0.364	10/14/21 10:09	
1,2,4-Trimethylbenzene	ug/m3	ND	0.982	0.375	10/14/21 10:09	
1,3,5-Trimethylbenzene	ug/m3	ND	0.982	0.382	10/14/21 10:09	
2,2,4-Trimethylpentane	ug/m3	ND	0.934	0.621	10/14/21 10:09	
Vinyl chloride	ug/m3	ND	0.511	0.243	10/14/21 10:09	
Vinyl bromide	ug/m3	ND	0.875	0.373	10/14/21 10:09	
Vinyl acetate	ug/m3	ND	0.704	0.408	10/14/21 10:09	
m&p-Xylene	ug/m3	ND	1.73	0.585	10/14/21 10:09	
o-Xylene	ug/m3	ND	0.867	0.359	10/14/21 10:09	
Ethanol	ug/m3	ND	2.36	0.500	10/14/21 10:09	
Gasoline Range Organics	ug/m3	ND	826	164	10/14/21 10:09	
1,4-Dichlorobenzene-d4 (IS)	%	89.8	60.0-140		10/14/21 10:09	

LABORATORY CONTROL SAMPLE & LCSD: R3716452-1 R3716452-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethanol	ug/m3	3.75	5.56	5.68	78.7	80.3	55.0-148	2.01	25	
Propylene	ug/m3	3.75	5.03	5.11	77.9	79.2	64.0-144	1.70	25	
Dichlorodifluoromethane	ug/m3	3.75	18.7	18.8	101	102	64.0-139	0.526	25	
Dichlorotetrafluoroethane	ug/m3	3.75	26.5	26.2	101	100	70.0-130	1.06	25	
Chloromethane	ug/m3	3.75	6.49	6.73	83.7	86.9	70.0-130	3.75	25	
Vinyl chloride	ug/m3	3.75	9.05	9.15	94.4	95.5	70.0-130	1.12	25	
1,3-Butadiene	ug/m3	3.75	7.59	7.57	91.5	91.2	70.0-130	0.292	25	
Bromomethane	ug/m3	3.75	13.5	15.4	93.1	106	70.0-130	12.6	25	
Chloroethane	ug/m3	3.75	8.39	10.3	84.8	104	70.0-130	20.6	25	
Trichlorofluoromethane	ug/m3	3.75	22.3	22.6	106	107	70.0-130	1.25	25	
1,1,2-Trichlorotrifluoroethane	ug/m3	3.75	29.0	29.6	101	103	70.0-130	2.09	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

LABORATORY CONTROL SAMPLE & LCSD: R3716452-1 R3716452-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m3	3.75	14.2	14.4	95.7	96.8	70.0-130	1.11	25	
1,1-Dichloroethane	ug/m3	3.75	13.3	14.0	88.5	93.1	70.0-130	4.99	25	
Acetone	ug/m3	3.75	7.75	7.75	86.9	86.9	70.0-130	0.00	25	
2-Propanol	ug/m3	3.75	7.52	7.62	81.6	82.7	70.0-139	1.30	25	
Carbon disulfide	ug/m3	3.75	10.8	10.7	92.3	92.0	70.0-130	0.289	25	
Methylene Chloride	ug/m3	3.75	10.8	10.8	82.7	83.2	70.0-130	0.643	25	
Methyl-tert-butyl ether	ug/m3	3.75	12.9	13.1	95.5	96.8	70.0-130	1.39	25	
trans-1,2-Dichloroethene	ug/m3	3.75	13.7	14.3	92.0	96.3	70.0-130	4.53	25	
n-Hexane	ug/m3	3.75	11.3	11.8	85.3	89.1	70.0-130	4.28	25	
Vinyl acetate	ug/m3	3.75	10.8	10.9	81.9	82.7	70.0-130	0.972	25	
2-Butanone (MEK)	ug/m3	3.75	9.44	10.1	85.3	91.2	70.0-130	6.65	25	
cis-1,2-Dichloroethene	ug/m3	3.75	13.8	14.0	92.8	94.4	70.0-130	1.71	25	
Chloroform	ug/m3	3.75	17.7	17.8	96.8	97.3	70.0-130	0.549	25	
Cyclohexane	ug/m3	3.75	12.4	12.3	96.0	95.2	70.0-130	0.837	25	
1,1,1-Trichloroethane	ug/m3	3.75	21.2	20.8	104	102	70.0-130	1.55	25	
Carbon tetrachloride	ug/m3	3.75	24.4	24.3	103	103	70.0-130	0.259	25	
Benzene	ug/m3	3.75	11.8	12.0	98.7	100	70.0-130	1.61	25	
1,2-Dichloroethane	ug/m3	3.75	15.7	15.7	103	103	70.0-130	0.258	25	
n-Heptane	ug/m3	3.75	14.8	14.7	96.5	95.7	70.0-130	0.832	25	
Trichloroethene	ug/m3	3.75	20.9	21.5	104	107	70.0-130	2.78	25	
1,2-Dichloropropane	ug/m3	3.75	16.0	16.3	92.5	94.1	70.0-130	1.71	25	
1,4-Dioxane (p-Dioxane)	ug/m3	3.75	12.8	12.9	94.7	95.2	70.0-140	0.562	25	
Bromodichloromethane	ug/m3	3.75	25.9	26.1	103	104	70.0-130	0.774	25	
cis-1,3-Dichloropropene	ug/m3	3.75	16.8	16.9	98.4	99.5	70.0-130	1.08	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	3.75	13.9	14.1	90.7	92.0	70.0-139	1.46	25	
Toluene	ug/m3	3.75	14.5	14.4	102	102	70.0-130	0.522	25	
trans-1,3-Dichloropropene	ug/m3	3.75	17.3	17.2	102	101	70.0-130	0.791	25	
1,1,2-Trichloroethane	ug/m3	3.75	21.1	20.8	103	102	70.0-130	1.30	25	
Tetrachloroethene	ug/m3	3.75	28.9	28.8	114	113	70.0-130	0.471	25	
2-Hexanone	ug/m3	3.75	14.3	14.1	93.3	91.7	70.0-149	1.73	25	
Dibromochloromethane	ug/m3	3.75	35.4	35.3	111	111	70.0-130	0.241	25	
1,2-Dibromoethane (EDB)	ug/m3	3.75	30.4	30.4	106	105	70.0-130	0.253	25	
Chlorobenzene	ug/m3	3.75	18.6	18.5	107	107	70.0-130	0.747	25	
Ethylbenzene	ug/m3	3.75	16.6	16.3	102	101	70.0-130	1.32	25	
m&p-Xylene	ug/m3	7.50	33.3	33.5	102	103	70.0-130	0.779	25	
o-Xylene	ug/m3	3.75	16.2	16.6	99.7	102	70.0-130	2.64	25	
Styrene	ug/m3	3.75	16.7	17.0	105	107	70.0-130	1.77	25	
Bromoform	ug/m3	3.75	44.3	44.1	114	114	70.0-130	0.468	25	
1,1,2,2-Tetrachloroethane	ug/m3	3.75	24.5	25.0	95.2	97.1	70.0-130	1.94	25	
4-Ethyltoluene	ug/m3	3.75	19.9	19.8	108	107	70.0-130	0.495	25	
1,3,5-Trimethylbenzene	ug/m3	3.75	19.9	19.9	108	108	70.0-130	0.00	25	
1,2,4-Trimethylbenzene	ug/m3	3.75	19.6	20.2	107	110	70.0-130	2.71	25	
1,3-Dichlorobenzene	ug/m3	3.75	25.4	25.3	113	112	70.0-130	0.475	25	
1,4-Dichlorobenzene	ug/m3	3.75	25.9	26.0	115	115	70.0-130	0.463	25	
Benzyl chloride	ug/m3	3.75	21.3	21.3	109	110	70.0-152	0.244	25	
1,2-Dichlorobenzene	ug/m3	3.75	25.2	25.4	112	113	70.0-130	0.950	25	
1,2,4-Trichlorobenzene	ug/m3	3.75	31.8	31.2	114	112	70.0-160	1.88	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

LABORATORY CONTROL SAMPLE & LCSD: R3716452-1 R3716452-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/m3	3.75	52.3	51.6	131	129	70.0-151	1.44	25	
Naphthalene	ug/m3	3.75	20.9	20.9	107	107	70.0-159	0.00	25	
Gasoline Range Organics	ug/m3	203	880	884	105	105	70.0-130	0.468	25	
Allyl chloride	ug/m3	3.75	9.89	10.5	84.3	89.6	70.0-130	6.13	25	
2-Chlorotoluene	ug/m3	3.75	20.7	20.6	107	107	70.0-130	0.250	25	
Methyl methacrylate	ug/m3	3.75	14.2	15.5	92.5	101	70.0-130	8.55	25	
Tetrahydrofuran	ug/m3	3.75	9.17	9.44	82.9	85.3	70.0-137	2.85	25	
2,2,4-Trimethylpentane	ug/m3	3.75	15.5	15.7	88.5	89.9	70.0-130	1.49	25	
Vinyl bromide	ug/m3	3.75	16.2	17.0	98.7	104	70.0-130	5.01	25	
Isopropylbenzene (Cumene)	ug/m3	3.75	19.6	19.7	106	107	70.0-130	0.500	25	
1,4-Dichlorobenzene-d4 (IS)	%				95.4	95.0	60.0-140			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
J	Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92566627

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92566627001	**SYSTEM_2_INFLUENT**	TO-15	1756988	TO-15	1756988

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WO# : 92566627

92566627

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

Company: APEX Companies, LLC	Billing Information:
Address:	
Report To: Andrew Street	Email To: andrew.street@apexcos.com
Copy To: Matt Teixeira	Site Collection Info/Address:
Customer Project Name/Number: 2020-L1-2448	State: NC / County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): J. Schaudt	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	TO-15 VOCA	TPHC	Flow (Ft./min)	Temp (°C)
System_2_Influt	AR	G	10-13-21	1310				1	X	X	358265	

Analyses

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:
92566627 001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2546878

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments:

Relinquished by/Company: (Signature) APEX	Date/Time: 10-13-202 1695	Received by/Company: (Signature) Pace Nathan Sallee	Date/Time: 10-13-21 16:45
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 25, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: PROJ 002116
Pace Project No.: 92567554

Dear Alex Testoff:

Enclosed are the analytical results for sample(s) received by the laboratory on October 19, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
•Con-Test, a Pace Analytical Laboratory - East Longmeadow, Massachusetts

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Cole Cates, Environmental Planning Specialists, Inc.
J Culbreath, Colonial Pipeline Company
Robert Hughes, Colonial Pipeline Company
Cam Lee, Montrose Environmental Group
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Nicholas Nelson, Montrose Environmental Group, Inc.
Andrew Street, Apex Companies - NC
JM Wyatt, Colonial Pipeline Company

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB US... Number or

WO# : 92567554

92567554

Contai...

Company: Montrose	Billing Information: 400 Northridge Rd., Suite 400 Sandy Springs, GA 30350
Address: Same →	
Report To: Clee@montrose-env.com	Email To: Jnicolette@montrose-env.com
Copy To: CtCates@montrose-env.com	Site Collection Info/Address:
Customer Project Name/Number: Proj- 002116	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: (404)315-9113 Email: clee@montrose-env.com	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Cam Lee	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): [signature]	Turnaround Date Required: Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: * [✓] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: ____

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	BTEX	TPH-GRO								Lab Profile/Line:
21292-SW-Seep	SW	G	10/19/21	1100				6	X	X								92567554
21292-SW-Confluence	SW	G	10/19/21	1105				6	X	X								001
21292-SW-Seep2	SW	G	10/19/21	1115				6	X	X								002
21292-SW-Confluence 2	SW	G	10/19/21	1120				6	X	X								003
21299-SW-G	SW	G	10/19/21	1130				6	X	X								004
																		005

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: ____	
Sample pH Acceptable	Y N NA
pH Strips: ____	
Sulfide Present	Y N NA
Lead Acetate Strips: ____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
SW = Surface Water
G = B(CL) Grab
* = ASAP 2 or 3 day minimum

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2696482

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 91/069
Cooler 1 Temp Upon Receipt: 4.4 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 4.4 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature]	10/19/21 / 15:15	Pace [signature]	10-19-21 15:15
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

October 21, 2021

Bonnie Vang
Pace Analytical Services - NC
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078

Project Location: NC
Client Job Number:
Project Number: 92567554
Laboratory Work Order Number: 21J1174

Enclosed are results of analyses for samples as received by the laboratory on October 20, 2021. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Pace Analytical Services - NC
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
ATTN: Bonnie Vang

REPORT DATE: 10/21/2021

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 92567554

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 21J1174

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: NC

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
21292-sw-seep	21J1174-01	Water		SW-846 8015C	
				SW-846 8260D	
21292-SW-CONFLUENCE	21J1174-02	Water		SW-846 8015C	
				SW-846 8260D	
21292-SW-SEEP 2	21J1174-03	Water		SW-846 8015C	
				SW-846 8260D	
21292-SW-CONFLUENCE 2	21J1174-04	Water		SW-846 8015C	
				SW-846 8260D	
21292-SW-G	21J1174-05	Water		SW-846 8015C	
				SW-846 8260D	

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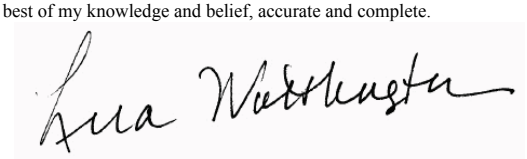
CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8015C

Gasoline Range Organics (2-Methylpentane through 1,2,4-Trimethylbenzene) is quantitated against a calibration made with an unleaded gasoline composite standard.

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

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Project Location: NC | Sample Description: | Work Order: 21J1174

Date Received: 10/20/2021

Field Sample #: 21292-sw-seep | Sampled: 10/19/2021 11:00

Sample ID: 21J1174-01

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/21	10/21/21 2:21	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	10/20/21	10/21/21 2:21	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/21	10/21/21 2:21	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	10/20/21	10/21/21 2:21	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	10/20/21	10/21/21 2:21	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	90.1	70-130		10/21/21 2:21
Toluene-d8	94.9	70-130		10/21/21 2:21
4-Bromofluorobenzene	105	70-130		10/21/21 2:21

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Project Location: NC | Sample Description: | Work Order: 21J1174

Date Received: 10/20/2021

Field Sample #: 21292-sw-seep | Sampled: 10/19/2021 11:00

Sample ID: 21J1174-01

Sample Matrix: Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	ND	0.010	0.0094	mg/L	1		SW-846 8015C	10/20/21	10/20/21 13:47	KMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1-Chloro-3-fluorobenzene	112	70-130		10/20/21 13:47

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Project Location: NC | Sample Description: | Work Order: 21J1174

Date Received: 10/20/2021

Field Sample #: 21292-SW-CONFLUENCE | Sampled: 10/19/2021 11:05

Sample ID: 21J1174-02

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/21	10/21/21 2:48	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	10/20/21	10/21/21 2:48	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/21	10/21/21 2:48	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	10/20/21	10/21/21 2:48	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	10/20/21	10/21/21 2:48	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	90.3	70-130		10/21/21 2:48
Toluene-d8	94.1	70-130		10/21/21 2:48
4-Bromofluorobenzene	104	70-130		10/21/21 2:48

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Project Location: NC | Sample Description: | Work Order: 21J1174

Date Received: 10/20/2021

Field Sample #: 21292-SW-CONFLUENCE | Sampled: 10/19/2021 11:05

Sample ID: 21J1174-02

Sample Matrix: Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	ND	0.010	0.0094	mg/L	1		SW-846 8015C	10/20/21	10/20/21 14:24	KMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1-Chloro-3-fluorobenzene	108	70-130		10/20/21 14:24

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Project Location: NC | Sample Description: | Work Order: 21J1174

Date Received: 10/20/2021

Field Sample #: 21292-SW-SEEP 2 | Sampled: 10/19/2021 11:15

Sample ID: 21J1174-03

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/21	10/21/21 3:16	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	10/20/21	10/21/21 3:16	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/21	10/21/21 3:16	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	10/20/21	10/21/21 3:16	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	10/20/21	10/21/21 3:16	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	88.0	70-130		10/21/21 3:16
Toluene-d8	94.2	70-130		10/21/21 3:16
4-Bromofluorobenzene	103	70-130		10/21/21 3:16

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Project Location: NC | Sample Description: | Work Order: 21J1174

Date Received: 10/20/2021

Field Sample #: 21292-SW-SEEP 2 | Sampled: 10/19/2021 11:15

Sample ID: 21J1174-03

Sample Matrix: Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	ND	0.010	0.0094	mg/L	1		SW-846 8015C	10/20/21	10/20/21 15:01	KMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1-Chloro-3-fluorobenzene	109	70-130		10/20/21 15:01

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Project Location: NC | Sample Description: | Work Order: 21J1174

Date Received: 10/20/2021

Field Sample #: 21292-SW-CONFLUENCE 2 | Sampled: 10/19/2021 11:20

Sample ID: 21J1174-04

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/21	10/21/21 3:43	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	10/20/21	10/21/21 3:43	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/21	10/21/21 3:43	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	10/20/21	10/21/21 3:43	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	10/20/21	10/21/21 3:43	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	88.6	70-130		10/21/21 3:43
Toluene-d8	95.6	70-130		10/21/21 3:43
4-Bromofluorobenzene	104	70-130		10/21/21 3:43

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Project Location: NC Sample Description: Work Order: 21J1174

Date Received: 10/20/2021

Field Sample #: 21292-SW-CONFLUENCE 2 Sampled: 10/19/2021 11:20

Sample ID: 21J1174-04

Sample Matrix: Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	ND	0.010	0.0094	mg/L	1		SW-846 8015C	10/20/21	10/20/21 15:38	KMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1-Chloro-3-fluorobenzene	111	70-130		10/20/21 15:38

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Project Location: NC | Sample Description: | Work Order: 21J1174

Date Received: 10/20/2021

Field Sample #: 21292-SW-G | Sampled: 10/19/2021 11:30

Sample ID: 21J1174-05

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/21	10/21/21 4:10	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	10/20/21	10/21/21 4:10	EEH
Toluene	0.97	1.0	0.11	µg/L	1	J	SW-846 8260D	10/20/21	10/21/21 4:10	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	10/20/21	10/21/21 4:10	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	10/20/21	10/21/21 4:10	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	90.0	70-130		10/21/21 4:10
Toluene-d8	94.6	70-130		10/21/21 4:10
4-Bromofluorobenzene	105	70-130		10/21/21 4:10

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Project Location: NC | Sample Description: | Work Order: 21J1174

Date Received: 10/20/2021

Field Sample #: 21292-SW-G | Sampled: 10/19/2021 11:30

Sample ID: 21J1174-05

Sample Matrix: Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	ND	0.010	0.0094	mg/L	1		SW-846 8015C	10/20/21	10/20/21 16:15	KMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1-Chloro-3-fluorobenzene	106	70-130		10/20/21 16:15

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Sample Extraction Data

Prep Method: SW-846 5030B **Analytical Method: SW-846 8015C**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
21J1174-01 [21292-sw-seep]	B292854	5	5.00	10/20/21
21J1174-02 [21292-SW-CONFLUENCE]	B292854	5	5.00	10/20/21
21J1174-03 [21292-SW-SEEP 2]	B292854	5	5.00	10/20/21
21J1174-04 [21292-SW-CONFLUENCE 2]	B292854	5	5.00	10/20/21
21J1174-05 [21292-SW-G]	B292854	5	5.00	10/20/21

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
21J1174-01 [21292-sw-seep]	B292847	5	5.00	10/20/21
21J1174-02 [21292-SW-CONFLUENCE]	B292847	5	5.00	10/20/21
21J1174-03 [21292-SW-SEEP 2]	B292847	5	5.00	10/20/21
21J1174-04 [21292-SW-CONFLUENCE 2]	B292847	5	5.00	10/20/21
21J1174-05 [21292-SW-G]	B292847	5	5.00	10/20/21

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B292847 - SW-846 5030B										
Blank (B292847-BLK1)				Prepared: 10/20/21 Analyzed: 10/21/21						
Benzene	ND	1.0	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*22.0*		µg/L	25.0		88.1	70-130			
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.1	70-130			
Surrogate: 4-Bromofluorobenzene	*26.0*		µg/L	25.0		104	70-130			
LCS (B292847-BS1)				Prepared & Analyzed: 10/20/21						
Benzene	8.02	1.0	µg/L	10.0		80.2	70-130			
Ethylbenzene	10.6	1.0	µg/L	10.0		106	70-130			
Toluene	9.77	1.0	µg/L	10.0		97.7	70-130			
m+p Xylene	21.4	2.0	µg/L	20.0		107	70-130			
o-Xylene	10.6	1.0	µg/L	10.0		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	*22.1*		µg/L	25.0		88.2	70-130			
Surrogate: Toluene-d8	*23.5*		µg/L	25.0		94.1	70-130			
Surrogate: 4-Bromofluorobenzene	*26.5*		µg/L	25.0		106	70-130			
LCS Dup (B292847-BSD1)				Prepared & Analyzed: 10/20/21						
Benzene	7.99	1.0	µg/L	10.0		79.9	70-130	0.375	25	
Ethylbenzene	10.7	1.0	µg/L	10.0		107	70-130	1.12	25	
Toluene	9.86	1.0	µg/L	10.0		98.6	70-130	0.917	25	
m+p Xylene	21.3	2.0	µg/L	20.0		106	70-130	0.655	25	
o-Xylene	10.8	1.0	µg/L	10.0		108	70-130	1.95	25	
Surrogate: 1,2-Dichloroethane-d4	*22.0*		µg/L	25.0		87.9	70-130			
Surrogate: Toluene-d8	*23.6*		µg/L	25.0		94.6	70-130			
Surrogate: 4-Bromofluorobenzene	*26.6*		µg/L	25.0		107	70-130			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B292854 - SW-846 5030B										
Blank (B292854-BLK1)				Prepared & Analyzed: 10/20/21						
Gasoline Range Organics (GRO)	ND	0.010	mg/L							
Surrogate: 1-Chloro-3-fluorobenzene	*16.2*		µg/L	15.0		108	70-130			
LCS (B292854-BS1)				Prepared & Analyzed: 10/20/21						
Gasoline Range Organics (GRO)	0.250	0.010	mg/L	0.250		99.8	80-120			
Surrogate: 1-Chloro-3-fluorobenzene	*15.5*		µg/L	15.0		104	70-130			
LCS Dup (B292854-BSD1)				Prepared & Analyzed: 10/20/21						
Gasoline Range Organics (GRO)	0.255	0.010	mg/L	0.250		102	80-120	2.05	30	
Surrogate: 1-Chloro-3-fluorobenzene	*15.5*		µg/L	15.0		104	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8015C in Water	
Gasoline Range Organics (GRO)	NY,VA,NH,NC
SW-846 8260D in Water	
Benzene	NC
Ethylbenzene	NC
Toluene	NC
m+p Xylene	NC
o-Xylene	NC

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2022
CT	Connecticut Department of Publilc Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2022
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2022
RI	Rhode Island Department of Health	LAO00112	12/30/2021
NC	North Carolina Div. of Water Quality	652	12/31/2021
NJ	New Jersey DEP	MA007 NELAP	06/30/2022
FL	Florida Department of Health	E871027 NELAP	06/30/2022
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2022
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2021
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2022
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2022
NC-DW	North Carolina Department of Health	25703	07/31/2022
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2022
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2022

Internal Transfer Chain of Custody

21174

☐ Samples Pre-Logged into eCOC.

State Of Origin: NC

Cert. Needed: ☒ Yes ☐ No

Owner Received Date: 10/19/2021 Results Requested By: ~~10/25/2021~~

Pace Analytical® www.pacelabs.com

Results Due 10/21/21

Workorder: 92567554 Workorder Name: PROJ 002116

Report To	Subcontract To
Bonnie Vang Pace Analytical Charlotte 9800 Kincey Ave. Suite 100 Huntersville, NC 28078 Phone (704)875-9092	~~Pace Analytical West Columbia~~ (BV) ~~106 Vantage Point Drive~~ ~~West Columbia, SC 29172~~ ~~Phone (803)791-9700~~ to 19-21 Pace New England

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: HCL	Requested Analysis: Subbed work within PAST GCSV	Subbed work within PAST GCSV	8260-BTEX	6020									LAB USE ONLY
1	21292-sw-seep	PS	10/19/2021 11:00	92567554001	Water	2	X	X	X	X									10/21/21
2	21292-SW-CONFLUENCE	PS	10/19/2021 11:05	92567554002	Water	2	X	X	X	X									
3	21292-SW-SEEP 2	PS	10/19/2021 11:15	92567554003	Water	2	X	X	X	X									
4	21292-SW-CONFLUENCE 2	PS	10/19/2021 11:20	92567554004	Water	2	X	X	X	X									
5	21292-SW-G	PS	10/19/2021 11:30	92567554005	Water	2	X	X	X	X									

Transfers	Released By	Date/Time	Received By	Date/Time
1	JB Pace MVL	10/19/211800		10/20 927
2				
3				

Comments: Rush Pre-approved - Due 10/21/21

Cooler Temperature on Receipt 3.3 °C | Custody Seal Y or (N) | Received on Ice (Y) or N | Samples Intact (Y) or N

***In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document. This chain of custody is considered complete as is since this information is available in the owner laboratory.

FedEx

TRACK ANOTHER SHIPMENT

987548465404

ADD NICKNAME

Delivered

DELIVERED

Signed for by: R.PIETRIAS

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

FROM	TO
Huntersville, NC US	EAST LONGMEADOW, MA US

Travel History

TIME ZONE
Local Scan Time

Wednesday, October 20, 2021		
9:27 AM	EAST LONGMEADOW, MA	Delivered
8:00 AM	WINDSOR LOCKS, CT	On FedEx vehicle for delivery
7:52 AM	WINDSOR LOCKS, CT	At local FedEx facility
6:38 AM	EAST GRANBY, CT	At destination sort facility
5:00 AM	INDIANAPOLIS, IN	Departed FedEx hub
12:10 AM	INDIANAPOLIS, IN	Arrived at FedEx hub
Tuesday, October 19, 2021		
8:55 PM	CONCORD, NC	Left FedEx origin facility
4:21 PM		Shipment information sent to FedEx
5:05 PM	CONCORD, NC	Picked up

Expand History

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Pace

Received By MP Date 10/20 Time 927

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 3 Actual Temp - 3.3

By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? T Who was notified? Cathy

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? F MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? NA Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	30	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

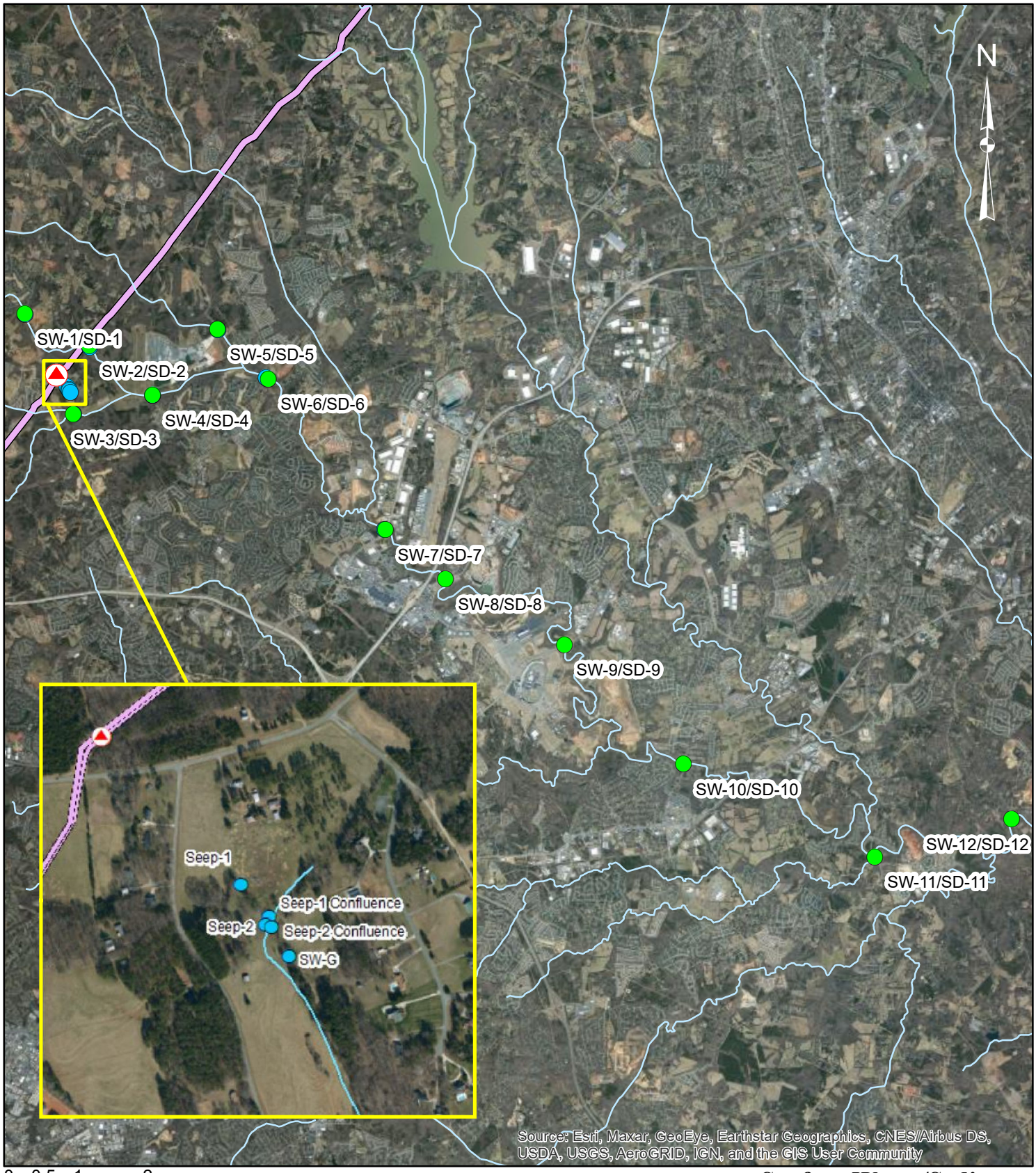
Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

APPENDIX D

SURFACE WATER SAMPLING INFORMATION



Surface Water/Sediment Sampling Locations

2020-L1-SR2448 Incident
Huntersville, NC

MONTROSE ENVIRONMENTAL

Figure No. 1

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			**5**	**1,000**	**700**	**10,000**	**10,000**	**10,000**	
	EPA Region 4 ESV (acute)			**700**	**560**	**550**	**240**	**240**	**240**	
	15A North Carolina Administrative Code subchapter 02B			**51**	**11**	**97**	**420**	**600**	**670**	
SW-1	**North Prong Clark Creek (Up-gradient of the leak site)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			**5**	**1,000**	**700**	**10,000**	**10,000**	**10,000**	
	EPA Region 4 ESV (acute)			**700**	**560**	**550**	**240**	**240**	**240**	
	15A North Carolina Administrative Code subchapter 02B			**51**	**11**	**97**	**420**	**600**	**670**	
SW-2	**North Prong Clark Creek (Downgradient of leak site)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			**5**	**1,000**	**700**	**10,000**	**10,000**	**10,000**	
	EPA Region 4 ESV (acute)			**700**	**560**	**550**	**240**	**240**	**240**	
	15A North Carolina Administrative Code subchapter 02B			**51**	**11**	**97**	**420**	**600**	**670**	
SW-3	**South Prong Clark Creek (Downgradient of the leak site)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			**5**	**1,000**	**700**	**10,000**	**10,000**	**10,000**	
	EPA Region 4 ESV (acute)			**700**	**560**	**550**	**240**	**240**	**240**	
	15A North Carolina Administrative Code subchapter 02B			**51**	**11**	**97**	**420**	**600**	**670**	
SW-4	**Clarke Creek (Downgradient of North/South Prong Clark Creek confluence)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			**5**	**1,000**	**700**	**10,000**	**10,000**	**10,000**	
	EPA Region 4 ESV (acute)			**700**	**560**	**550**	**240**	**240**	**240**	
	15A North Carolina Administrative Code subchapter 02B			**51**	**11**	**97**	**420**	**600**	**670**	
SW-5	**Ramah Creek (Upgradient of SW-6)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			**5**	**1,000**	**700**	**10,000**	**10,000**	**10,000**	
	EPA Region 4 ESV (acute)			**700**	**560**	**550**	**240**	**240**	**240**	
	15A North Carolina Administrative Code subchapter 02B			**51**	**11**	**97**	**420**	**600**	**670**	
SW-6	**Clarke Creek (Downgradient of Ramah Creek confluence)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			**5**	**1,000**	**700**	**10,000**	**10,000**	**10,000**	
	EPA Region 4 ESV (acute)			**700**	**560**	**550**	**240**	**240**	**240**	
	15A North Carolina Administrative Code subchapter 02B			**51**	**11**	**97**	**420**	**600**	**670**	
SW-7	**Rocky River (Downgradient of Clarke River confluence)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			**5**	**1,000**	**700**	**10,000**	**10,000**	**10,000**	
	EPA Region 4 ESV (acute)			**700**	**560**	**550**	**240**	**240**	**240**	
	15A North Carolina Administrative Code subchapter 02B			**51**	**11**	**97**	**420**	**600**	**670**	
SW-8	**Rocky River (Downgradient of Clarke River confluence)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
SW-9	**Rocky River (Downgradient of Clarke River confluence)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
SW-10	**Rocky River (Downgradient of Clarke River confluence)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
SW-11	**Rocky River (Downgradient of Mallard Creek)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
SW-12	**Rocky River (Downgradient of Back Creek)**	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			**5**	**1,000**	**700**	**10,000**	**10,000**	**10,000**	
	EPA Region 4 ESV (acute)			**700**	**560**	**550**	**240**	**240**	**240**	
	15A North Carolina Administrative Code subchapter 02B			**51**	**11**	**97**	**420**	**600**	**670**	
SW-Seep	**Downgradient of Site**	9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	**4**	<1	<2	<1	<1	
		5/5/2021	<80	<1	**6.7**	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	Sample was not collected. There was not enough water at the location to collect.							

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			**5**	**1,000**	**700**	**10,000**	**10,000**	**10,000**	
	EPA Region 4 ESV (acute)			**700**	**560**	**550**	**240**	**240**	**240**	
	15A North Carolina Administrative Code subchapter 02B			**51**	**11**	**97**	**420**	**600**	**670**	
SW-Confluence	**Downgradient of Site**	9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			**5**	**1,000**	**700**	**10,000**	**10,000**	**10,000**	
	EPA Region 4 ESV (acute)			**700**	**560**	**550**	**240**	**240**	**240**	
	15A North Carolina Administrative Code subchapter 02B			**51**	**11**	**97**	**420**	**600**	**670**	
SW-Seep 2	**Downgradient of SW-Seep Location**	3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	<80	<1	<1	<1	<2	<1	<1	
SW-Confluence 2	**Downgradient of SW-Confluence Location**	3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	<80	<1	<1	<1	<2	<1	<1	
SW-G	**Downgradient of SW-Confluence 2 Location at Culvert**	7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/25/2021	<80	<1	<1	<1	<2	<1	<1	
		9/8/2021	<80	<1	<1	<1	<2	<1	<1	
		9/22/2021	<80	<1	<1	<1	<2	<1	<1	
		10/6/2021	<80	<1	<1	<1	<2	<1	<1	
		10/19/2021	<80	<1	<1	<1	<2	<1	<1	
		11/1/2021	<80	<1	<1	<1	<2	<1	<1	
		11/17/2021	<80	<1	<1	<1	<2	<1	<1	

Notes:

	Sample collected, results pending
x	Rainfall event (Rain > 1-inch within 24-hour period)
Bold Values	Bold values indicate compound was detected above laboratory reporting limit

Table 2. Surface Water General Parameter Measurements

2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-1	North Prong Clark Creek (Up-gradient of the leak site)	8/15/2020	26.66	7.58	57	0.146	4.75	10.1	
		8/16/2020	26.74	7.47	106	0.133	7.01	9.6	
		8/17/2020	25.78	7.47	101	0.137	4.88	2.9	
		8/18/2020	23.71	7.52	39	0.168	5.77	15.00	
		8/19/2020	26.20	7.45	126	0.13	3.92	5.7	
		8/20/2020	24.58	7.52	150	0.135	3.31	13	
		8/21/2020	23.23	7.51	166	0.114	2.92	46.6	
		8/22/2020	25.05	7.27	121	0.123	4.34	9.5	
		8/27/2020	27.40	7.47	186	0.147	3.89	1.3	
		9/1/2020	28.48	7.65	175	0.135	3.7	11.9	x
		9/2/2020	31.39	8.09	152	0.115	4.95	22.4	x
		9/3/2020	29.03	7.55	176	0.123	4.71	6.5	x
		9/10/2020	25.84	7.3	190	0.127	2.97	17.9	
		9/17/2020	25.13	7.55	194	0.096	6.76	14.8	
		9/19/2020	23.10	7.31	184	0.104	5.44	11.2	x
		9/24/2020	20.04	7.06	162	0.084	2.8	0	
		9/26/2020	20.60	6.77	170	0.075	7.49	0	x
		10/1/2020	19.57	7.16	168	0.094	2.53	20.1	
		10/7/2020	18.23	6.18	297	0.195	5.94	0	
		10/12/2020	21.52	6.61	223	0.072	4.98	177	x
		10/22/2020	19.07	6.77	215	0.09	2.44	7.3	
		10/31/2020	15.83	7.41	218	0.088	8.67	77.6	
		11/5/2020	17.29	7	174	0.063	5.78	45.6	
		11/13/2020	19.09	6.67	260	0.029	11.36	208	x
		11/19/2020	10.99	6.57	186	0.077	7.95	72.2	
		12/1/2020	11.60	6.98	90.2	0.13	9.21	32	x
		12/17/2020	9.30	7	146	0.126	10.07	28.2	x
		12/30/2020	7.00	6.69	95.9	0.138	81.2	22.9	
		1/14/2021	10.10	7.18	153.2	0.153	16.32	13.1	
		1/27/2021	11.80	7.31	151.7	0.153	14.8	17.3	x
		2/12/2021	6.90	7	187.3	0.131	12	27.2	x
		2/26/2021	10.50	6.54	234.2	0.161	9.04	39.8	
		3/10/2021	17.20	7.38	177	0.145	14.49	22.8	
		3/19/2021	12.70	7.1	200	0.132	9.02	27.3	x
		3/24/2021	15.80	7.14	152.8	0.145	10.28	23.6	
		3/26/2021	20.10	7.62	185.5	0.12	8.4	46.8	x
		4/7/2021	22.60	7.25	180.7	0.144	9.65	11.1	
		4/21/2021	20.20	7.33	167.3	0.164	10.79	6.54	
		5/5/2021	24.80	7.61	165.8	0.171	7.9	8.12	
		5/20/2021	23.00	7.39	195.8	0.179	13.57	13.21	
		6/3/2021	22.80	7.29	98.2	0.2	11.08	9.53	
		6/9/2021	27.90	7.35	167.1	0.145	9.74	7.08	x
		6/16/2021	24.70	7.54	113.4	0.185	8.53	8.11	
		7/2/2021	28.50	7.69	110.3	0.162	7.89	10.55	
		7/14/2021	27.20	6.88	105.2	0.201	11.53	4.1	
		7/16/2021	31.20	7.38	88.9	0.186	7.74	3.85	x
		7/20/2021	27.30	6.99	122.9	0.154	9.17	7.88	x
		7/28/2021	26.20	6.4	38.6	0.226	1.73	3.67	x
		8/11/2021	24.50	7.19	134.8	0.267	6.66	2.37	
		8/18/2021	28.00	7.4	110.1	0.15	4.83	23.4	x
		8/25/2021	26.20	7.46	118.7	0.187	4.4	1.92	
		9/8/2021	23.20	6.63	170.9	0.169	4.28	5.93	
		9/22/2021	23.70	7.26	210.2	0.172	4.41	3.79	
		10/6/2021	22.30	6.97	116.9	0.196	5.92	2.98	
		10/19/2021	15.80	7	132.1	0.192	6.56	3.36	
		11/1/2021	16.60	7.22	135.6	0.173	8.26	2.61	
		11/17/2021	11.90	7.38	271.2	0.174	10.11	5.5	

Table 2. Surface Water General Parameter Measurements
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Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-2	North Prong Clark Creek (Downgradient of leak site)	8/15/2020	24.78	7.68	94	0.142	6.99	90.9	
		8/16/2020	23.59	7.73	110	0.109	7.90	247	
		8/17/2020	23.05	7.72	106	0.099	7.11	324	
		8/18/2020	21.95	7.67	101	0.117	7.75	271	
		8/19/2020	23.05	7.73	128	0.131	6.94	51	
		8/20/2020	22.26	7.74	112	0.117	6.12	55.7	
		8/21/2020	21.87	7.61	128	0.143	3.72	31.8	
		8/22/2020	22.61	7.81	117	0.145	6.73	27.1	
		8/27/2020	24.76	7.77	170	0.149	5.94	15.8	
		9/1/2020	26.13	7.63	165	0.112	4.81	173	x
		9/2/2020	28.20	7.12	0.84	0.089	4.49	321	x
		9/3/2020	26.52	7.41	185	0.095	6.36	226	x
		9/10/2020	24.36	7.8	170	0.137	5.04	386	
		9/17/2020	21.58	7.31	195	0.057	5.63	970	
		9/19/2020	20.44	7.42	180	0.095	5.61	88.1	x
		9/24/2020	17.64	6.97	158	0.089	5	0	
		9/26/2020	19.27	6.44	185	0.066	4.11	206	x
		10/1/2020	18.08	7.2	149	0.102	9.6	230	
		10/7/2020	16.76	6.51	275	0.177	7.06	0	
		10/12/2020	20.80	6.68	244	0.063	6.43	444	x
		10/22/2020	16.60	ORWQM	219	0.1	3.82	361	
		10/31/2020	13.76	7.33	223	0.093	7.15	156	
		11/5/2020	16.51	6.91	174	0.074	5.77	152	
		11/13/2020	18.21	6.55	-----	0.028	6.43	332	x
		11/19/2020	8.80	6.2	196	0.069	4.05	218	
		12/1/2020	10.20	6.77	91.1	0.126	9.37	68.4	x
		12/17/2020	9.30	6.96	147	0.12	20.65	59.1	x
		12/30/2020	6.80	6.74	113.5	0.155	11.21	17	
		1/14/2021	9.50	7.45	153.5	0.161	13.81	13.8	
		1/27/2021	11.70	7.21	156.3	0.13	12.73	85.4	x
		2/12/2021	6.70	7.04	185.1	0.119	17.05	61.8	x
		2/26/2021	10.50	6.79	239.6	0.14	9.89	36.5	
		3/10/2021	17.50	7.85	153.5	0.161	13.23	12.59	
		3/19/2021	11.90	6.76	209.8	0.105	8.07	65.8	x
		3/24/2021	15.20	7.35	158.8	0.149	9.12	36	
		3/26/2021	19.90	7.09	168.7	0.107	9.34	68.1	x
		4/7/2021	21.70	7.52	164.4	0.163	13.99	12.78	
		4/21/2021	18.70	7.6	172.6	0.183	9.1	3.9	
		5/5/2021	21.60	7.52	143.8	0.165	8.96	19.8	
		5/20/2021	21.10	7.7	184.4	0.194	13.04	6.52	
		6/3/2021	21.50	7.81	97	0.211	12.01	5.01	
		6/9/2021	25.20	7.47	151.8	0.132	9.76	71.4	x
		6/16/2021	22.50	7.53	122.7	0.2	10.33	11.24	
		7/2/2021	25.80	6.88	127.6	0.119	7.74	153	
		7/14/2021	26.20	6.96	122.9	0.214	10.26	10.6	
		7/16/2021	28.40	7.33	98.1	0.165	8.84	80.8	x
		7/20/2021	25.10	6.56	134.1	0.137	11.09	88.6	x
		7/28/2021	25.10	7.54	113.5	0.182	3.49	23.5	x
		8/11/2021	23.20	7.39	147.3	0.211	8.53	5.84	
		8/18/2021	25.90	7.41	106.9	0.127	7.68	61.6	x
		8/25/2021	24.10	7.9	139.2	0.183	7.93	12.8	
		9/8/2021	22.40	7	172.5	0.104	7.82	6.68	
		9/22/2021	22.90	7.41	221.8	0.158	6.05	19.1	
		10/6/2021	21.40	7.22	110.7	0.194	5.98	13.73	
		10/19/2021	13.70	7.08	136.8	0.206	8.5	23.4	
		11/1/2021	14.60	7.32	131.2	0.182	7.94	3.95	
		11/17/2021	8.80	7.56	240.4	0.185	9.2	4.56	

Table 2. Surface Water General Parameter Measurements

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Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-3	South Prong Clark Creek (Downgradient of the leak site)	8/15/2020	25.04	7.65	109	0.113	7.17	224	
		8/16/2020	22.52	7.54	123	0.099	7.67	250	
		8/17/2020	22.66	7.64	125	0.131	7.76	248	
		8/18/2020	20.10	7.68	111	0.151	7.65	198	
		8/19/2020	22.98	7.66	147	0.166	6.02	27.3	
		8/20/2020	21.92	7.8	99	0.176	5.37	20.9	
		8/21/2020	21.40	7.64	128	0.16	3.79	94.2	
		8/22/2020	22.26	7.88	113	0.154	6.66	35.5	
		8/27/2020	24.99	7.83	162	0.187	6	8.2	
		9/1/2020	25.34	7.61	162	0.105	5.81	141	x
		9/2/2020	27.13	7.12	176	0.071	4.52	238	x
		9/3/2020	25.18	7.38	158	0.100	5.4	98.5	x
		9/10/2020	24.46	7.67	177	0.18	6.11	30.9	
		9/17/2020	21.41	7.29	190	0.087	6.67	ORWQM	
		9/19/2020	19.90	7.41	177	0.107	5.95	50.1	x
		9/24/2020	16.97	7.14	149	0.126	12.27	0	
		9/26/2020	18.52	6.4	195	0.066	9.22	187	x
		10/1/2020	17.16	7.32	144	0.125	3.33	244	
		10/7/2020	15.77	6.68	272	0.23	9.85	0	
		10/12/2020	21.09	6.57	252	0.068	6.17	420	x
		10/22/2020	16.54	6.69	199	0.158	5.84	3.5	
		10/31/2020	12.55	7.47	200	0.107	9.87	164	
		11/5/2020	16.33	6.99	143	0.095	5.99	50.6	
		11/13/2020	17.53	6.79	226	0.03	6.27	429	x
		11/19/2020	8.58	6.65	151	0.121	7.61	62	
		12/1/2020	11.00	6.95	154.6	0.145	10.57	52.8	x
		12/17/2020	9.00	6.87	231.4	0.153	11.46	54.8	x
		12/30/2020	6.90	6.92	52.1	0.176	10.69	14.8	
		1/14/2021	10.00	7.34	144.1	0.18	12.69	12.9	
		1/27/2021	11.60	7.27	186.7	0.127	16.64	89.3	x
		2/12/2021	6.60	7.1	175.4	0.112	13.41	60	x
		2/26/2021	10.10	6.9	234.6	0.163	11.11	21.7	
		3/10/2021	17.80	7.35	140.5	12.28	0.191	12.01	
		3/19/2021	11.50	6.81	196.7	0.082	8.91	86.6	x
		3/24/2021	15.30	7.33	139.2	0.174	9.19	18.3	
		3/26/2021	20.00	7.06	181	0.093	9.64	71.3	x
		4/7/2021	21.80	7.44	148.1	0.192	12.44	15.6	
		4/21/2021	18.40	7.46	121	0.225	12.46	8.44	
		5/5/2021	21.30	7.39	169.7	0.159	8.82	35.7	
		5/20/2021	21.90	7.71	169.8	0.235	8.69	10.59	
		6/3/2021	22.10	7.75	88.5	0.26	12.96	8.54	
		6/9/2021	25.30	7.05	158	0.114	9.22	81.3	x
		6/16/2021	24.20	7.3	127.1	0.255	8.3	7.68	
		7/2/2021	23.60	6.69	132.3	0.112	11.38	63.9	
		7/14/2021	25.30	7.03	214.7	0..263	14.23	14.28	
		7/16/2021	27.60	7.22	102.2	0.163	9.95	105.6	x
		7/20/2021	24.40	6.45	145.9	0.14	11.63	72	x
		7/28/2021	25.10	7.58	99.8	0.222	3.87	78.6	x
		8/11/2021	23.50	7.39	140	0.24	9.52	4.81	
		8/18/2021	24.10	7.47	104.2	0.099	7.32	148	x
		8/25/2021	24.00	7.99	129.9	0.243	7.19	4.48	
		9/8/2021	22.70	6.96	176.1	0.198	6.86	39.7	
		9/22/2021	23.00	7.38	214.4	0.164	4.76	13.5	
		10/6/2021	21.20	7.23	112.9	0.298	7.64	2.9	
		10/19/2021	12.80	6.92	136.2	0.272	8.34	1.92	
		11/1/2021	14.00	7.18	114	0.254	8.94	1.78	
		11/17/2021	8.20	7.43	195.8	0.255	12.01	2.18	

Table 2. Surface Water General Parameter Measurements
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Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-4	Clarke Creek (Downgradient of North/South Prong Clark Creek confluence)	8/15/2020	25.06	7.7	108	0.124	8.00	168	
		8/16/2020	22.85	7.62	96	0.099	7.32	299	
		8/17/2020	23.03	7.55	87	0.127	8.00	125	
		8/18/2020	20.96	7.60	106	0.129	7.07	96.7	
		8/19/2020	23.79	7.63	145	0.147	6.66	29.3	
		8/20/2020	22.41	7.77	90	0.155	4.98	22.5	
		8/21/2020	21.74	7.69	114	0.163	6.17	40.2	
		8/22/2020	22.20	7.9	102	0.14	7.59	42	
		8/27/2020	25.56	7.71	187	0.172	6.01	7.6	
		9/1/2020	25.61	7.43	138	0.116	5.73	58	x
		9/2/2020	27.75	6.75	187	0.078	4.97	278	x
		9/3/2020	25.69	6.86	165	0.103	4.16	131	x
		9/10/2020	24.07	7.44	173	0.153	6.45	23.9	
		9/17/2020	21.04	7.2	183	0.127	5.82	886	
		9/19/2020	20.06	7.23	156	0.103	7.04	71.7	x
		9/24/2020	17.01	6.51	174	0.108	8.9	0	
		9/26/2020	18.63	6.12	187	0.067	9.09	215	x
		10/1/2020	16.78	6.64	180	0.116	7.32	41	
		10/7/2020	21.92	7.01	195	0.203	4.92	0	
		10/12/2020	21.05	6.28	269	0.067	6.08	432	x
		10/22/2020	16.12	6.16	240	0.13	8.86	69.2	
		10/31/2020	12.21	7.35	184	0.098	4.04	168	
		11/5/2020	18.22	6.82	170	0.085	7	54.1	
		11/13/2020	17.44	6.57	245	0.028	9.01	442	x
		11/19/2020	8.61	6.08	191	0.106	7.61	113	
		12/1/2020	11.00	6.97	167.9	0.182	8.32	68	x
		12/17/2020	9.20	6.88	262.4	0.127	14.08	55.3	x
		12/30/2020	6.90	7.01	115.5	0.167	11.01	16.1	
		1/14/2021	10.00	7.55	151.1	0.174	11.48	14.04	
		1/27/2021	10.60	7.27	195.1	0.131	11.48	86.3	x
		2/12/2021	5.90	7.14	186.7	0.115	13.3	58.1	x
		2/26/2021	9.70	7.07	269.1	0.155	11.26	27.1	
		3/10/2021	17.40	7.56	178.2	0.182	11.74	10.97	
		3/19/2021	11.50	6.94	218.4	0.092	9.85	80.3	x
		3/24/2021	15.90	7.45	160.9	0.165	10.63	27.6	
		3/26/2021	20.40	6.94	179.9	0.095	9.69	75.1	x
		4/7/2021	22.10	7.47	183.1	0.179	11.97	22.1	
		4/21/2021	19.10	7.51	174	0.221	9.83	6.36	
		5/5/2021	22.00	7.63	147.2	0.177	11.72	25.3	
		5/20/2021	22.20	7.79	188.8	0.231	9.54	7.22	
		6/3/2021	22.60	7.83	93.9	0.264	12.11	4.57	
		6/9/2021	25.40	7.2	181.6	0.122	8.61	66.9	x
		6/16/2021	23.10	7.77	124.2	0.22	10.26	9.08	
		7/2/2021	24.10	6.99	128.6	0.102	7.27	108	
		7/14/2021	26.30	7.18	100.5	0.22	13.52	12.6	
		7/16/2021	27.20	7.25	168.3	0.147	10.07	102.8	x
		7/20/2021	24.50	6.71	139	0.139	11.14	91.7	x
		7/28/2021	25.80	6.77	136.4	0.176	2.36	122	x
		8/11/2021	24.60	7.25	141.8	0.201	8.3	16.6	
		8/18/2021	25.10	7.56	107	0.09	7.63	624	x
		8/25/2021	24.70	7.28	158.1	0.207	7.54	6.46	
		9/8/2021	23.30	6.99	172.4	0.233	7.67	22.9	
		9/22/2021	23.30	7.03	241.7	0.132	5.73	57.2	
		10/6/2021	22.20	7.11	121.2	0.237	6.86	3.79	
		10/19/2021	15.20	7.03	123.1	0.239	9.48	2.38	
		11/1/2021	15.30	7.07	131.4	0.214	9.78	1.94	
		11/17/2021	9.60	7.51	217.4	0.198	12.45	2.18	

Table 2. Surface Water General Parameter Measurements

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Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-5	Ramah Creek (Upgradient of SW-6)	8/15/2020	25.44	7.49	51	0.156	6.92	14.3	
		8/16/2020	23.57	7.59	55	0.123	8.70	16.6	
		8/17/2020	22.57	7.42	62	0.144	5.81	24.3	
		8/18/2020	20.28	7.54	37	0.142	7.87	0.00	
		8/19/2020	23.98	7.75	136	0.151	6.72	51.1	
		8/20/2020	22.06	7.77	86	0.151	6.04	0	
		8/21/2020	21.73	7.74	109	0.149	5.3	39.1	
		8/22/2020	22.29	7.77	73	0.137	7.38	21.6	
		8/27/2020	26.12	7.59	177	0.159	5.29	8.9	
		9/1/2020	25.13	7.29	120	0.108	5.47	858	x
		9/2/2020	27.51	6.59	151	0.073	4.48	233	x
		9/3/2020	24.87	5.99	213	0.100	4.02	217	x
		9/10/2020	23.80	7.4	173	0.15	5.96	10	
		9/17/2020	21.28	7.05	191	0.102	4.96	505	
		9/19/2020	20.82	6.96	149	0.1	6.16	98.8	x
		9/24/2020	17.04	6.69	183	0.101	4.22	0	
		9/26/2020	18.34	6.1	194	0.064	6.05	271	x
		10/1/2020	17.16	6.87	136	0.11	4.82	9.7	
		10/7/2020	22.65	7.06	133	0.176	6.12	0.3	
		10/12/2020	20.35	6.03	282	0.057	3.15	389	x
		10/22/2020	16.03	6.37	225	0.119	7.43	14.1	
		10/31/2020	12.23	6.45	240	0.102	6.47	297	
		11/5/2020	17.06	6.68	170	0.08	7.56	54.2	
		11/13/2020	17.11	6.4	250	0.026	6.39	314	x
		11/19/2020	7.94	5.89	189	0.091	5.44	136	
		12/1/2020	11.00	6.69	184.3	0.137	8.17	60.7	x
		12/17/2020	8.70	6.62	235.2	0.115	12.8	61.3	x
		12/30/2020	6.90	7.08	80.9	0.143	12.34	14.9	
		1/14/2021	10.60	7.42	126.2	0.144	13.11	13.9	
		1/27/2021	10.50	7.12	186.9	0.115	14.76	64.7	x
		2/12/2021	6.20	7.01	179	0.102	17.02	36.5	x
		2/26/2021	9.80	7.02	269.5	0.115	10.26	42.1	
		3/10/2021	18.20	7.46	176.3	0.151	12.61	12	
		3/19/2021	11.60	6.92	207.5	0.075	12.93	93.2	x
		3/24/2021	16.20	7.4	157.5	0.135	8.13	19.4	
		3/26/2021	19.90	6.83	192.1	0.075	8.89	94.5	x
		4/7/2021	24.00	7.36	180.2	0.146	9.52	29.8	
		4/21/2021	19.60	6.92	131.8	0.137	9.86	80.9	
		5/5/2021	23.30	7.6	168.8	0.161	11.4	19.1	
		5/20/2021	24.50	7.72	186.6	0.192	12.15	9.34	
		6/3/2021	24.60	7.59	106.3	0.186	9.75	11.62	
		6/9/2021	27.30	7.31	160.8	0.169	8.74	259	x
		6/16/2021	25.50	7.8	156.3	0.201	10.57	8.01	
		7/2/2021	22.80	6.11	170.9	0.097	8.3	ORWQM	
		7/14/2021	28.40	7.32	80	0.212	12.79	13	
		7/16/2021	28.30	6.92	116.2	0.18	9.22	106.8	x
		7/20/2021	24.50	6.6	176.2	0.116	10.88	143	x
		7/28/2021	27.90	7.03	107.9	0.191	2.25	35.4	x
		8/11/2021	27.30	7.15	162.1	0.213	8.38	3.13	
		8/18/2021	25.70	7.44	105.5	0.107	6.7	182	x
		8/25/2021	27.20	7.78	119.9	0.212	7.02	2.15	
		9/8/2021	26.40	7.33	118.3	0.203	7.65	2.47	
		9/22/2021	23.40	6.93	250.3	0.147	5.03	27.1	
		10/6/2021	23.20	7.24	67.6	0.234	7.37	2.72	
		10/19/2021	18.20	6.96	48.4	0.226	9.13	1.97	
		11/1/2021	16.90	6.97	51	0.214	7.73	2.16	
		11/17/2021	11.10	7.43	196.1	0.216	11.28	3.48	

Table 2. Surface Water General Parameter Measurements

2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-6	Clarke Creek (Downgradient of Ramah Creek confluence)	8/15/2020	25.97	7.56	109	0.131	6.50	20.7	
		8/16/2020	24.06	7.13	125	0.107	4.42	122	
		8/17/2020	24.06	7.64	124	0.139	7.38	71.3	
		8/18/2020	21.92	7.49	110	0.136	7.03	52.4	
		8/19/2020	23.21	7.56	127	0.142	7.7	23	
		8/20/2020	22.42	7.79	126	0.151	6.38	17	
		8/21/2020	22.09	7.56	131	0.14	5.55	15.7	
		8/22/2020	22.52	7.69	113	0.138	6.03	28	
		8/27/2020	25.02	7.64	228	0.17	5.32	3.8	
		9/1/2020	26.00	7.19	156	0.151	5.08	103	x
		9/2/2020	27.23	6.34	224	0.058	2.51	389	x
		9/3/2020	25.38	6.57	202	0.057	4.38	135	x
		9/10/2020	24.48	7.02	211	0.16	4.93	18.7	
		9/17/2020	21.66	6.76	225	0.133	5.51	39	
		9/19/2020	21.06	6.82	279	0.111	5.53	57.5	x
		9/24/2020	17.19	6.67	195	0.108	10	21.4	
		9/26/2020	19.04	6.22	207	0.052	9.75	102	x
		10/1/2020	17.17	6.84	179	0.119	7.72	19.5	
		10/7/2020	22.00	7.1	186	0.207	6.05	0.5	
		10/12/2020	20.95	5.72	291	0.046	1.35	515	x
		10/22/2020	15.92	6.48	245	0.136	2.87	20.9	
		10/31/2020	13.23	6.72	256	0.108	3.45	209	
		11/5/2020	15.77	6.54	208	0.069	8.21	116	
		11/13/2020	18.17	6.3	259	0.02	7.7	410	x
		11/19/2020	7.62	6.09	204	0.11	8.15	106	
		12/1/2020	10.00	6.48	204.6	0.135	5.65	46	x
		12/17/2020	7.60	6.04	288	0.189	15	57.1	x
		12/30/2020	6.20	6.8	36	0.185	10.04	21.7	
		1/14/2021	9.90	7.2	110.6	0.174	12.44	16.9	
		1/27/2021	9.70	6.88	223.1	0.123	16.67	74.1	x
		2/12/2021	6.10	6.94	185.2	0.125	16.57	33.6	x
		2/26/2021	9.60	6.86	278.3	0.143	11.38	28.9	
		3/10/2021	16.90	7.09	99.1	0.194	12.37	17.5	
		3/19/2021	11.70	6.7	221.4	0.081	9.31	98.4	x
		3/24/2021	16.40	7.3	194.6	0.154	10.37	23.5	
		3/26/2021	17.60	6.68	210.3	0.062	10.48	126	x
		4/7/2021	22.20	7.02	186	0.161	12.07	18.6	
		4/21/2021	19.90	7.12	167.2	0.201	10.29	21.2	
		5/5/2021	22.50	7.4	155.8	0.171	6.68	24	
		5/20/2021	24.40	7.63	187.5	0.215	8.64	8.01	
		6/3/2021	24.00	7.68	111.4	0.23	10.46	8.29	
		6/9/2021	26.50	7.13	189.9	0.125	10.07	94.4	x
		6/16/2021	25.30	7.6	135.1	0.214	9.09	7.89	
		7/2/2021	23.30	6.19	171.6	0.094	7.75	840	
		7/14/2021	27.00	7.26	113	0.22	11.09	18.7	
		7/16/2021	28.20	6.43	141	0.161	7.54	78.5	x
		7/20/2021	24.40	5.93	198.8	0.096	7.2	63	x
		7/28/2021	27.60	6.95	115.2	0.181	2.14	83.9	x
		8/11/2021	26.60	7.62	141.9	0.21	7.73	13	
		8/18/2021	24.80	7.05	118	0.1	2.96	264	x
		8/25/2021	26.50	7.79	133.4	0.199	6.85	6.68	
		9/8/2021	25.40	7.07	140.1	0.227	6.59	6.2	
		9/22/2021	23.30	6.91	258.7	0.195	5.17	24.5	
		10/6/2021	22.30	7.46	90.2	0.243	5.72	3.86	
		10/19/2021	13.60	7.26	116.5	0.232	7.51	2.71	
		11/1/2021	15.60	7.05	119.3	0.221	7.81	4.85	
		11/17/2021	9.90	7.5	277	0.219	10.05	3.96	

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-7	Rocky River (Downgradient of Clarke River confluence)	8/15/2020	25.81	7.56	132	0.175	6.65	45.5	
		8/16/2020	23.98	7.33	127	0.103	6.02	254	
		8/17/2020	25.00	7.76	101	0.122	6.89	102	
		8/18/2020	22.22	7.54	114	0.16	7.15	71.7	
		8/19/2020	22.89	7.63	118	0.181	6.39	41.5	
		8/20/2020	22.67	7.75	145	0.179	6.02	33.5	
		8/21/2020	22.54	7.57	141	0.191	6.08	49	
		8/22/2020	22.66	7.65	124	0.161	6.11	52.9	
		8/27/2020	25.42	7.88	247	0.24	5.61	25	
		9/1/2020	25.66	7.00	183	0.106	4.72	197	x
		9/2/2020	31.26	4.96	338	2.28	6.15	163	x
		9/3/2020	26.12	5.81	312	0.134	3.51	108	x
		9/10/2020	24.39	6.19	303	0.216	6.02	26.6	
		9/17/2020	21.81	5.93	287	0.21	6.37	138	
		9/19/2020	21.22	6.65	335	0.127	6.16	43.2	x
		9/24/2020	17.50	6.06	194	0.161	5.4	10	
		9/26/2020	18.85	5.67	200	0.088	10.57	189	x
		10/1/2020	16.43	6.08	217	0.133	6.35	57.9	
		10/7/2020	23.92	6.96	207	0.242	5.45	6.8	
		10/12/2020	20.01	5.03	309	0.134	2.07	410	x
		10/22/2020	17.12	6.06	265	0.174	3.81	22.5	
		10/31/2020	13.82	6.15	256	0.124	0.44	167	
		11/5/2020	18.47	5.99	209	0.136	6.17	64.1	
		11/13/2020	18.16	6.03	263	0.037	2.5	357	x
		11/19/2020	8.09	5.78	271	0.145	3.81	105	
		12/1/2020	11.60	6.5	234.2	0.018	10.51	70.3	x
		12/17/2020	10.60	3.96	202.9	0.01	12.56	64.7	x
		12/30/2020	6.70	7.02	86.5	0.192	10.4	18.3	
		1/14/2021	10.00	7.47	116	0.202	14.41	18.3	
		1/27/2021	9.50	6.75	243.3	0.15	12.84	64.8	x
		2/12/2021	6.90	7.12	193.6	0.134	12.26	53.7	x
		2/26/2021	10.00	7.11	283.9	0.175	10.25	19.5	
		3/10/2021	16.70	7.63	164.1	0.203	15.78	12.28	
		3/19/2021	13.00	7.09	204	0.099	8.75	98.6	x
		3/24/2021	17.20	7.44	192.4	0.189	12.37	17	
		3/26/2021	18.90	6.69	203.7	0.073	9.35	138	x
		4/7/2021	21.40	7.31	197.1	0.201	10.56	15.7	
		4/21/2021	20.20	7.59	163.9	0.234	10.8	11.56	
		5/5/2021	22.90	7.56	181.9	0.18	10.66	18.9	
		5/20/2021	24.70	7.67	170.6	0.259	9.86	12.5	
		6/3/2021	24.20	7.82	99	0.284	11.15	12.3	
		6/9/2021	25.50	7.34	183.5	0.283	7.46	50.2	x
		6/16/2021	25.30	7.74	173.6	0.287	10.4	13.95	
		7/2/2021	24.20	6.58	161.9	0.179	6.57	81.7	
		7/14/2021	28.70	7.53	97.9	0.315	11.19	14.15	
		7/16/2021	28.80	7.03	153.3	0.263	9.96	42.9	x
		7/20/2021	24.80	6.41	172.1	0.154	10.15	71.4	x
		7/28/2021	27.60	6.87	120.7	0.215	2.22	43	x
		8/11/2021	27.30	7.13	181.4	0.331	8.2	5.48	
		8/18/2021	25.20	7.25	118.2	0.103	6.2	68	x
		8/25/2021	27.20	7.83	144.3	0.312	7.28	6.95	
		9/8/2021	25.40	6.99	172.1	0.284	7.46	35.3	
		9/22/2021	23.90	7.19	243.3	0.165	4.73	51.9	
		10/6/2021	23.30	7.35	110.9	0.338	8.43	6.01	
		10/19/2021	15.20	7.15	143.2	0.386	10.23	62	
		11/1/2021	15.90	7.12	139	0.321	9.27	4.97	
		11/17/2021	10.10	7.51	308.5	0.318	11.82	6.59	

Table 2. Surface Water General Parameter Measurements
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Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-8	Rocky River (Downgradient of Clarke River confluence)	8/15/2020	25.72	7.65	105	0.164	7.71	56.4	
		8/16/2020	24.19	7.47	136	0.098	6.34	280	
		8/17/2020	25.66	7.84	134	0.189	6.88	15.5	
		8/18/2020	22.44	7.60	105	0.15	6.9	73.3	
		8/19/2020	23.05	7.58	130	0.171	5.34	43.5	
		8/20/2020	22.77	7.68	178	0.168	3.6	50.4	
		8/21/2020	22.73	7.53	127	0.193	5.7	33.5	
		8/22/2020	22.72	7.72	115	0.145	6.5	60.1	
SW-9	Rocky River (Downgradient of Clarke River confluence)	8/15/2020	25.27	7.57	126	0.165	5.61	93.1	
		8/16/2020	23.83	7.49	125	0.087	4.11	332	
		8/17/2020	23.01	7.40	98	0.117	6.77	101	
		8/18/2020	23.12	7.60	140	0.135	6.47	72.2	
		8/19/2020	23.31	7.33	136	0.161	5.9	34.1	
		8/20/2020	23.45	7.45	203	0.139	5.34	40.1	
		8/21/2020	23.43	7.33	126	0.168	4.86	23.5	
		8/22/2020	22.99	7.55	131	0.156	6.24	109	
SW-10	Rocky River (Downgradient of Clarke River confluence)	8/15/2020	25.44	7.56	127	0.169	6.18	77.7	
		8/16/2020	24.14	7.34	125	0.091	5.39	459	
		8/17/2020	23.15	7.31	113	0.134	6.16	115	
		8/18/2020	23.52	7.62	142	0.158	6.36	154	
		8/19/2020	23.54	7.2	147	0.191	5.46	3.89	
		8/20/2020	23.1	7.45	158	0.112	5.62	219	
		8/21/2020	23.61	7.2	152	0.124	4.95	35.1	
		8/22/2020	23.39	7.53	128	0.163	5.43	62.3	
SW-11	Rocky River (Downgradient of Mallard Creek)	8/15/2020	25.01	7.60	125	0.155	7.15	143	
		8/16/2020	24.24	7.02	153	0.086	5.33	466	
		8/17/2020	23.20	7.3	128	0.112	6.82	144	
		8/18/2020	23.6	7.59	121	0.143	6.36	90.5	
		8/19/2020	23.4	7.11	191	0.151	4.2	105	
		8/20/2020	23.06	7.55	201	0.098	5.05	359	
		8/21/2020	23.33	6.88	198	0.143	3.67	48.9	
		8/22/2020	23.28	7.58	124	0.139	6.29	55.6	
SW-12	Rocky River (Downgradient of Back Creek)	8/15/2020	25.03	7.61	130	0.159	6.98	157	
		8/16/2020	24.22	7.22	150	0.091	6.01	433	
		8/17/2020	23.10	7.45	121	0.105	6.74	152	
		8/18/2020	23.73	7.73	120	0.141	7.07	117	
		8/19/2020	23.31	6.9	226	0.153	5.45	56.8	
		8/20/2020	23.12	7.72	119	0.096	5.83	565	
		8/21/2020	23.36	6.38	266	0.138	4.66	51.3	
		8/22/2020	23.27	7.74	124	0.148	6.11	93.7	

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-Seep	Downgradient of Spill Location	9/1/2020	25.73	5.6	76	0.13	1.2	228	x
		9/2/2020	28.17	7.13	171	0.121	2.95	6.97	x
		9/3/2020	31.55	6.24	183	0.113	4.99	516	x
		9/10/2020	25.85	7.16	114	0.12	6.24	188	
		9/17/2020	22.23	7.3	108	0.098	5.81	566	
		9/19/2020	22.30	5.66	132	0.082	0	190	x
		9/24/2020	20.94	7.02	168	0.03	2.31	336	
		9/26/2020	20.81	6.55	157	0.063	3.79	645	x
		10/1/2020	31.28	6.27	64	0.066	3.98	0	
		10/7/2020	20.20	5.97	179	0.109	6.35	24.9	
		10/12/2020	23.51	6.06	225	0.098	3.94	98	x
		10/22/2020	21.86	6.17	55	0.113	8.47	728	
		10/31/2020	18.52	6.65	131	0.076	9.83	373	
		11/5/2020	19.86	6.78	138	0.048	6.09	86.5	
		11/13/2020	18.24	6.62	147	0.037	7.97	704	x
		11/19/2020	14.36	6.35	99	0.07	253	649	
		12/1/2020	13.50	5.89	116.3	0.128	7.93	18.5	x
		12/17/2020	11.10	5.86	229.5	0.136	7.3	19.8	x
		12/30/2020	7.80	5.95	228.2	0.149	9.87	11.25	
		1/14/2021	8.40	6.64	164	0.164	11.45	9.2	
		1/27/2021	12.10	6.74	133.3	0.148	19.2	13.06	x
		2/12/2021	5.90	6.3	205.3	0.138	11.91	49.5	x
		2/26/2021	9.50	5.15	302.9	0.105	7.85	11.52	
		3/10/2021	12.90	6.71	216.2	0.098	14.29	22.2	
		3/19/2021	11.20	6.4	197.5	0.1	7.58	43.5	x
		3/24/2021	14.90	5.78	230.6	0.102	5.1	12.9	
		3/26/2021	18.10	6.2	202.5	0.087	10.2	28.9	x
		4/7/2021	19.30	6.16	213.3	0.96	9.2	18.4	
		4/21/2021	20.00	5.94	157.6	0.103	8.89	24.8	
		5/5/2021	21.80	6.76	143.3	0.117	5.22	60.5	
		5/20/2021	26.80	6.23	204.1	0.132	10.32	45.3	
		6/3/2021	23.80	6.57	133.2	0.125	9.21	39.5	
		6/9/2021	29.90	6.01	207.7	0.163	8.96	122	x
		6/16/2021	24.80	7.54	140.1	0.127	9.42	36.9	
		7/2/2021	25.60	5.99	154.3	0.118	10.13	280	
		7/14/2021	31.00	7.31	136	0.143	11.91	61.1	
		7/16/2021	28.50	5.49	172	0.128	11.43	98.9	x
		7/20/2021	25.70	5.5	171.6	0.124	9.2	50	x
		7/28/2021	25.50	5.33	206.6	0.121	4.17	47.1	x
		8/11/2021	27.90	5.83	196.8	0.126	8.4	46.7	
		8/18/2021	24.20	5.83	148.8	0.093	1.78	68.6	x
		8/25/2021	28.40	7.46	168.1	0.129	5.92	56.6	
		9/8/2021	22.50	6.27	103	0.128	1.75	ORWQM	
		9/22/2021	22.60	6.77	134.6	170.4	1.55	906	
		10/6/2021	21.20	6.44	83.2	0.181	3.15	637	
		10/19/2021	13.90	6.67	191.1	0.203	8.23	91	
		11/1/2021	16.90	7.04	175.8	0.279	6.1	709 AU	
		11/17/2021	Sample was not collected. There was not enough water at the location to collect.						

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
		9/1/2020	23.88	6.46	59	0.225	2.75	618	x
		9/2/2020	28.91	7.69	177	0.13	6.51	156	x
		9/3/2020	28.58	7.16	148	0.249	7.1	245	x
		9/10/2020	23.89	6.46	19	0.279	1.27	159	
		9/17/2020	22.36	7.45	176	0.123	6.45	59.2	
		9/19/2020	20.62	7.58	131	0.116	4.93	86.7	x
		9/24/2020	18.59	6.13	188	0.165	10.93	234	
		9/26/2020	20.36	6.86	151	0.086	2.3	2.03	x
		10/1/2020	18.98	6.55	88	0.14	1.89	358	
		10/7/2020	21.56	6.36	143	0.279	5	29.2	
		10/12/2020	23.52	6.26	218	0.114	8.4	262	x
		10/22/2020	20.08	6.59	161	0.242	9.1	704	
		10/31/2020	12.46	7.37	162	0.109	4.72	245	
		11/5/2020	17.09	6.41	156	0.084	4.99	202	
		11/13/2020	18.39	6.33	234	0.052	8.29	991	x
		11/19/2020	11.00	6.86	96	0.175	9.43	541	
		12/1/2020	10.60	6.44	61.7	0.165	9.91	26.8	x
		12/17/2020	9.10	6.6	128.6	0.146	10.07	16.5	x
		12/30/2020	5.80	6.05	130.7	0.164	10	9.5	
		1/14/2021	9.70	6.42	219.4	0.11	11.25	11.85	
		1/27/2021	13.90	6.24	196.9	0.106	13.48	15.7	x
		2/12/2021	6.30	5.6	238	0.185	11.57	56.6	x
		2/26/2021	9.50	5.43	235.4	0.132	9.88	16.8	
		3/10/2021	14.20	7.14	115.4	0.26	9.58	10.28	
SW-Confluence	**Downgradient of Spill Location**	3/19/2021	11.70	6.71	186	0.116	9.21	42.3	x
		3/24/2021	14.50	6.31	164.6	0.179	8.45	18.7	
		3/26/2021	18.00	6.69	196.3	0.129	10.13	33.6	x
		4/7/2021	19.10	6.53	138	0.187	10.67	13.9	
		4/21/2021	18.80	6.48	119	0.293	9.27	16.7	
		5/5/2021	21.80	6.88	93.6	0.293	8.07	29.4	
		5/20/2021	25.40	6.53	140.3	0.392	9.12	33.9	
		6/3/2021	21.60	6.6	135.8	0.496	9.6	56.2	
		6/9/2021	28.70	6.17	216.6	0.308	5.86	120	x
		6/16/2021	24.50	6.89	171.9	0.445	10.5	103	
		7/2/2021	23.90	5.91	121.3	0.194	10.69	44.2	
		7/14/2021	26.50	6.16	161	0.153	8.91	75.4	
		7/16/2021	28.40	6.26	104.4	0.438	8.02	20	x
		7/20/2021	24.00	5.93	145.4	0.215	9.17	28.2	x
		7/28/2021	23.00	6.5	96.2	0.436	4.52	12.75	x
		8/11/2021	24.80	5.9	139.6	0.497	8.47	44.9	
		8/18/2021	22.60	6.4	117.7	0.355	4.22	18.4	x
		8/25/2021	25.70	7.04	108.4	0.475	7.01	26.8	
		9/8/2021	25.80	6.7	93.7	0.481	6.94	103.3	
		9/22/2021	21.00	6.83	99.8	0.48	2.59	25.6	
		10/6/2021	20.50	6.46	33	0.483	2.73	38.9	
		10/19/2021	16.20	6.3	56.3	0.224	5.54	25.7	
		11/1/2021	18.50	6.64	72.5	0.437	5.78	47.2	
		11/17/2021	15.00	6.72	151.4	0.405	13	27.2	

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-Seep 2	Downgradient of SW-Seep Location	3/10/2021	13	7.01	121	0.23	9.16	2.64	
		3/19/2021	12	7.01	208.7	0.291	8.11	18.7	x
		3/24/2021	14.6	6.57	157.7	0.225	6.91	3.01	
		3/26/2021	18.31	6.74	170.5	0.219	9.95	15.4	x
		4/7/2021	18.9	6.84	138.9	0.232	9.5	4.6	
		4/21/2021	19.8	6.65	121.4	0.234	7.93	3.8	
		5/5/2021	21.7	7.11	140.6	0.282	9.46	8.86	
		5/20/2021	26.1	7.2	75.1	0.286	8.89	13.3	
		6/3/2021	21.9	7.38	30.8	0.237	10.23	11.3	
		6/9/2021	26.10	6.62	187.9	0.201	9.4	63	x
		6/16/2021	22.80	6.6	125.7	0.242	9.81	20	
		7/2/2021	22.70	6.1	123.1	0.218	9.27	26.2	
		7/14/2021	26.00	6.45	138.1	0.258	12.27	69.8	
		7/16/2021	27.90	6.62	121.6	0.262	9.5	25.9	x
		7/20/2021	23.20	6.66	86.1	0.25	9.94	9.33	x
		7/28/2021	26.50	6.73	161.3	0.234	4	37.8	x
		8/11/2021	23.80	6.18	121.6	0.232	10.23	9.69	
		8/18/2021	23.30	6.97	102.7	0.228	7.81	93	x
		8/25/2021	23.70	7.08	93.2	0.242	8.9	16.3	
		9/8/2021	24.00	6.54	111.3	0.231	9.45	4.69	
		9/22/2021	21.20	7.01	106.3	0.36	2.38	11.1	
		10/6/2021	19.70	6.48	10	0.233	5.93	75.6	
		10/19/2021	15.70	6.3	53.6	0.331	5.2	24.8	
		11/1/2021	18.40	6.77	159.5	0.235	6.13	1022 AU	
		11/17/2021	14.80	6.87	126.8	0.219	9.13	619 AU	
SW-Confluence 2	Downgradient of SW-Confluence Location	3/10/2021	13.2	7.34	107.6	0.228	8.14	18	
		3/19/2021	11.8	6.92	176.1	0.17	7.17	39.9	x
		3/24/2021	14.8	6.85	108.9	0.245	7.3	6.55	
		3/26/2021	17.95	6.97	157.3	0.183	10.21	21	x
		4/7/2021	19.1	7.1	122.7	0.269	9.37	13.7	
		4/21/2021	19.3	6.97	91	0.28	10.21	13.3	
		5/5/2021	21.6	7.04	75.5	0.288	7.22	19.9	
		5/20/2021	25.9	7.23	58.4	0.278	10.13	11.9	
		6/3/2021	22.3	7.3	74.4	0.29	8.56	81.9	
		6/9/2021	28.30	6.81	161.1	0.255	5.79	74.1	x
		6/16/2021	24.20	6.63	56.4	0.304	10.4	27.6	
		7/2/2021	23.90	6.45	84.3	0.212	11.01	63.7	
		7/14/2021	30.30	6.98	83	0.307	5.06	35	
		7/16/2021	28.20	6.79	103.2	0.308	8.73	93.3	x
		7/20/2021	24.10	6.48	73.9	0.253	8.3	19.9	x
		7/28/2021	28.50	6.83	167.6	0.28	3.4	32.5	x
		8/11/2021	25.80	6.45	123.1	0.276	9.78	24.9	
		8/18/2021	26.30	7.25	100.4	0.214	6.72	19.3	x
		8/25/2021	26.20	7.03	55.3	0.272	7.13	13.3	
		9/8/2021	27.20	7.2	98.4	0.272	7.04	17.6	
		9/22/2021	20.80	6.38	87.7	0.381	2.83	32.6	
		10/6/2021	21.20	6.55	19.3	0.296	6.28	33.2	
		10/19/2021	16.10	6.17	37.6	0.224	5.16	18.7	
		11/1/2021	18.20	6.88	42.3	0.29	5.82	12.45	
		11/17/2021	13.60	6.94	103.2	0.268	9.18	48	
SW-G	Downgradient of SW-Confluence 2 Location at Culvert	7/2/2021	24.7	6.09	125.2	0.183	8.8	120	
		7/14/2021	33	7.12	84.8	0.342	8.61	29	
		7/16/2021	28.8	7.54	81.9	0.305	10.61	14.6	x
		7/20/2021	25.60	6.8	75.6	0.237	8.56	17.2	x
		7/28/2021	30.50	6.83	72.6	0.283	2.13	37.9	x
		8/11/2021	27.80	6.72	117.8	0.277	8.5	25.8	
		8/18/2021	27.20	6.76	151	0.258	4.1	97	x
		8/25/2021	29.80	7.35	84	0.281	5.6	35.9	
		9/8/2021	28.20	7.09	46	0.273	8.97	28.7	
		9/22/2021	24.50	6.82	2.2	0.286	4.78	16.3	
		10/6/2021	22.40	6.64	-62.3	0.321	1.29	35.3	
		10/19/2021	15.70	6.31	-29.7	0.466	1.47	849	
		11/1/2021	21.50	7.19	70.8	0.281	5.8	83	
		11/17/2021	12.10	6.95	103.6	0.28	10.14	56.2	

Notes:

ORWQM	Outside of Range on Water Quality Meter
x	Rainfall event (Rain > 1-inch within 24-hour period)
Red Text	Reading from malfuntioning instrument or noted issues

APPENDIX E

FREE PRODUCT AND PCW RECOVERY INFORMATION

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
8/30/2020	2,483	211	2,694	2,483	211	2,694
8/31/2020	1,759	0	1,759	4,242	211	4,453
9/1/2020	3,605	1,289	4,894	7,847	1,500	9,347
9/2/2020	2,867	1,373	4,240	10,714	2,873	13,587
9/3/2020	2,167	0	2,167	12,881	2,873	15,754
9/4/2020	1,699	0	1,699	14,580	2,873	17,453
9/5/2020	3,462	0	3,462	18,042	2,873	20,915
9/6/2020	2,486	0	2,486	20,528	2,873	23,401
9/7/2020	1,975	0	1,975	22,503	2,873	25,376
9/8/2020	4,657	422	5,079	27,160	3,295	30,455
9/9/2020	3,740	294	4,034	30,900	3,589	34,489
9/10/2020	3,945	549	4,494	34,845	4,138	38,983
9/11/2020	4,163	167	4,330	39,008	4,305	43,313
9/12/2020	3,659	548	4,207	42,667	4,853	47,520
9/13/2020	3,481	0	3,481	46,148	4,853	51,001
9/14/2020	3,053	422	3,475	49,201	5,275	54,476
9/15/2020	4,843	422	5,265	54,044	5,697	59,741
9/16/2020	5,708	896	6,604	59,752	6,593	66,345
9/17/2020	5,618	1,256	6,874	65,370	7,849	73,219
9/18/2020	4,319	719	5,038	69,689	8,568	78,257
9/19/2020	5,809	1,075	6,884	75,498	9,643	85,141
9/20/2020	4,770	899	5,669	80,268	10,542	90,810
9/21/2020	4,358	548	4,906	84,626	11,090	95,716
9/22/2020	1,915	422	2,337	86,541	11,512	98,053
9/23/2020	5,548	211	5,759	92,089	11,723	103,812
9/24/2020	4,468	505	4,973	96,557	12,228	108,785
9/25/2020	5,076	0	5,076	101,633	12,228	113,861
9/26/2020	4,280	211	4,491	105,913	12,439	118,352
9/27/2020	4,518	338	4,856	110,431	12,777	123,208
9/28/2020	3,893	347	4,240	114,324	13,124	127,448
9/29/2020	4,130	549	4,679	118,454	13,673	132,127
9/30/2020	5,994	527	6,521	124,448	14,200	138,648
10/1/2020	5,019	991	6,010	129,467	15,191	144,658

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
10/2/2020	3,217	633	3,850	132,684	15,824	148,508
10/3/2020	4,831	753	5,584	137,515	16,577	154,092
10/4/2020	4,932	213	5,145	142,447	16,790	159,237
10/5/2020	5,317	367	5,684	147,764	17,157	164,921
10/6/2020	4,392	635	5,027	152,156	17,792	169,948
10/7/2020	5,142	189	5,331	157,298	17,981	175,279
10/8/2020	4,085	690	4,775	161,383	18,671	180,054
10/9/2020	4,322	428	4,750	165,705	19,099	184,804
10/10/2020	4,978	793	5,771	170,683	19,892	190,575
10/11/2020	4,834	756	5,590	175,517	20,648	196,165
10/12/2020	4,157	466	4,623	179,674	21,114	200,788
10/13/2020	3,072	203	3,275	182,746	21,317	204,063
10/14/2020	4,067	95	4,162	186,813	21,412	208,225
10/15/2020	4,874	219	5,093	191,687	21,631	213,318
10/16/2020	4,847	553	5,400	196,534	22,184	218,718
10/17/2020	4,659	48	4,707	201,193	22,232	223,425
10/18/2020	4,284	829	5,113	205,477	23,061	228,538
10/19/2020	0	0	0	205,477	23,061	228,538
10/20/2020	5,559	187	5,746	211,036	23,248	234,284
10/21/2020	5,588	367	5,955	216,624	23,615	240,239
10/22/2020	5,189	375	5,564	221,813	23,990	245,803
10/23/2020	5,340	250	5,590	227,153	24,240	251,393
10/24/2020	4,257	629	4,886	231,410	24,869	256,279
10/25/2020	4,257	388	4,645	235,667	25,257	260,924
10/26/2020	4,712	219	4,931	240,379	25,476	265,855
10/27/2020	4,340	201	4,541	244,719	25,677	270,396
10/28/2020	4,442	751	5,193	249,161	26,428	275,589
10/29/2020	4,665	1,120	5,785	253,826	27,548	281,374
10/30/2020	4,626	858	5,484	258,452	28,406	286,858
10/31/2020	4,156	400	4,556	262,608	28,806	291,414
11/1/2020	4,705	600	5,305	267,313	29,406	296,719
11/2/2020	4,219	996	5,215	271,532	30,402	301,934
11/3/2020	3,997	298	4,295	275,529	30,700	306,229

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
11/4/2020	3,824	614	4,438	279,353	31,314	310,667
11/5/2020	3,761	891	4,652	283,114	32,205	315,319
11/6/2020	4,184	609	4,793	287,298	32,814	320,112
11/7/2020	4,309	1,197	5,506	291,607	34,011	325,618
11/8/2020	4,324	741	5,065	295,931	34,752	330,683
11/9/2020	0	0	0	295,931	34,752	330,683
11/10/2020	4,781	331	5,112	300,712	35,083	335,795
11/11/2020	4,980	1,119	6,099	305,692	36,202	341,894
11/12/2020	5,132	958	6,090	310,824	37,160	347,984
11/13/2020	4,027	603	4,630	314,851	37,763	352,614
11/14/2020	4,453	1,508	5,961	319,304	39,271	358,575
11/15/2020	4,467	744	5,211	323,771	40,015	363,786
11/16/2020	4,365	694	5,059	328,136	40,709	368,845
11/17/2020	4,311	606	4,917	332,447	41,315	373,762
11/18/2020	4,029	638	4,667	336,476	41,953	378,429
11/19/2020	4,241	533	4,774	340,717	42,486	383,203
11/20/2020	4,317	1,153	5,470	345,034	43,639	388,673
11/21/2020	3,549	1,281	4,830	348,583	44,920	393,503
11/22/2020	4,213	905	5,118	352,796	45,825	398,621
11/23/2020	1,554	320	1,874	354,350	46,145	400,495
11/24/2020	434	149	583	354,784	46,294	401,078
11/25/2020	3,265	353	3,618	358,049	46,647	404,696
11/26/2020	5,278	772	6,050	363,327	47,419	410,746
11/27/2020	4,224	1,726	5,950	367,551	49,145	416,696
11/28/2020	4,427	506	4,933	371,978	49,651	421,629
11/29/2020	4,193	506	4,699	376,171	50,157	426,328
11/30/2020	4,579	641	5,220	380,750	50,798	431,548
12/1/2020	3,842	612	4,454	384,592	51,410	436,002
12/2/2020	3,008	726	3,734	387,600	52,136	439,736
12/3/2020	3,402	473	3,875	391,002	52,609	443,611
12/4/2020	4,657	605	5,262	395,659	53,214	448,873
12/5/2020	3,678	1,148	4,826	399,337	54,362	453,699
12/6/2020	3,567	599	4,166	402,904	54,961	457,865

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
12/7/2020	4,231	458	4,689	407,135	55,419	462,554
12/8/2020	3,228	444	3,672	410,363	55,863	466,226
12/9/2020	3,500	461	3,961	413,863	56,324	470,187
12/10/2020	3,462	442	3,904	417,325	56,766	474,091
12/11/2020	3,909	743	4,652	421,234	57,509	478,743
12/12/2020	3,413	453	3,866	424,647	57,962	482,609
12/13/2020	3,514	677	4,191	428,161	58,639	486,800
12/14/2020	3,249	494	3,743	431,410	59,133	490,543
12/15/2020	2,934	305	3,239	434,344	59,438	493,782
12/16/2020	4,453	1,037	5,490	438,797	60,475	499,272
12/17/2020	4,991	4,203	9,194	443,788	64,678	508,466
12/18/2020	5,014	4,052	9,066	448,802	68,730	517,532
12/19/2020	5,763	3,640	9,403	454,565	72,370	526,935
12/20/2020	5,855	3,057	8,912	460,420	75,427	535,847
12/21/2020	4,926	3,960	8,886	465,346	79,387	544,733
12/22/2020	5,000	3,233	8,233	470,346	82,620	552,966
12/23/2020	4,770	2,999	7,769	475,116	85,619	560,735
12/24/2020	4,484	2,830	7,314	479,600	88,449	568,049
12/25/2020	0	0	0	479,600	88,449	568,049
12/26/2020	0	0	0	479,600	88,449	568,049
12/27/2020	2,913	2,463	5,376	482,513	90,912	573,425
12/28/2020	6,426	5,523	11,949	488,939	96,435	585,374
12/29/2020	3,400	1,128	4,528	492,339	97,563	589,902
12/30/2020	3,423	1,237	4,660	495,762	98,800	594,562
12/31/2020	4,211	5,357	9,568	499,973	104,157	604,130
1/1/2021	5,761	7,551	13,312	505,734	111,708	617,442
1/2/2021	3,900	4,964	8,864	509,634	116,672	626,306
1/3/2021	4,766	5,837	10,603	514,400	122,509	636,909
1/4/2021	4,205	5,043	9,248	518,605	127,552	646,157
1/5/2021	4,016	5,249	9,265	522,621	132,801	655,422
1/6/2021	4,432	6,026	10,458	527,053	138,827	665,880
1/7/2021	3,872	5,445	9,317	530,925	144,272	675,197
1/8/2021	3,847	5,685	9,532	534,772	149,957	684,729

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
1/9/2021	4,524	6,093	10,617	539,296	156,050	695,346
1/10/2021	3,137	3,823	6,960	542,433	159,873	702,306
1/11/2021	2,007	1,153	3,160	544,440	161,026	705,466
1/12/2021	3,858	5,308	9,166	548,298	166,334	714,632
1/13/2021	5,217	10,258	15,475	553,515	176,592	730,107
1/14/2021	5,201	13,962	19,163	558,716	190,554	749,270
1/15/2021	5,650	14,952	20,602	564,366	205,506	769,872
1/16/2021	4,637	12,453	17,090	569,003	217,959	786,962
1/17/2021	4,978	12,960	17,938	573,981	230,919	804,900
1/18/2021	3,727	10,368	14,095	577,708	241,287	818,995
1/19/2021	4,461	11,795	16,256	582,169	253,082	835,251
1/20/2021	5,743	13,994	19,737	587,912	267,076	854,988
1/21/2021	4,709	12,531	17,240	592,621	279,607	872,228
1/22/2021	4,704	12,907	17,611	597,325	292,514	889,839
1/23/2021	4,616	9,859	14,475	601,941	302,373	904,314
1/24/2021	5,909	14,939	20,848	607,850	317,312	925,162
1/25/2021	6,308	13,020	19,328	614,158	330,332	944,490
1/26/2021	6,395	15,237	21,632	620,553	345,569	966,122
1/27/2021	3,937	14,881	18,818	624,490	360,450	984,940
1/28/2021	6,260	11,577	17,837	630,750	372,027	1,002,777
1/29/2021	5,849	15,300	21,149	636,599	387,327	1,023,926
1/30/2021	3,879	9,635	13,514	640,478	396,962	1,037,440
1/31/2021	6,205	14,603	20,808	646,683	411,565	1,058,248
2/1/2021	0	0	0	646,683	411,565	1,058,248
2/2/2021	3,896	6,077	9,973	650,579	417,642	1,068,221
2/3/2021	4,906	10,649	15,555	655,485	428,291	1,083,776
2/4/2021	3,348	4,110	7,458	658,833	432,401	1,091,234
2/5/2021	4,989	10,435	15,424	663,822	442,836	1,106,658
2/6/2021	6,214	14,186	20,400	670,036	457,022	1,127,058
2/7/2021	6,643	13,881	20,524	676,679	470,903	1,147,582
2/8/2021	6,707	13,046	19,753	683,386	483,949	1,167,335
2/9/2021	4,791	12,869	17,660	688,177	496,818	1,184,995
2/10/2021	3,559	6,147	9,706	691,736	502,965	1,194,701

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
2/11/2021	5,317	5,464	10,781	697,053	508,429	1,205,482
2/12/2021	3,247	6,544	9,791	700,300	514,973	1,215,273
2/13/2021	3,161	7,448	10,609	703,461	522,421	1,225,882
2/14/2021	3,871	6,151	10,022	707,332	528,572	1,235,904
2/15/2021	3,631	7,754	11,385	710,963	536,326	1,247,289
2/16/2021	3,813	7,217	11,030	714,776	543,543	1,258,319
2/17/2021	3,460	7,460	10,920	718,236	551,003	1,269,239
2/18/2021	3,775	8,302	12,077	722,011	559,305	1,281,316
2/19/2021	3,853	7,359	11,212	725,864	566,664	1,292,528
2/20/2021	3,794	6,349	10,143	729,658	573,013	1,302,671
2/21/2021	3,812	5,709	9,521	733,470	578,722	1,312,192
2/22/2021	2,943	7,897	10,840	736,413	586,619	1,323,032
2/23/2021	3,955	5,418	9,373	740,368	592,037	1,332,405
2/24/2021	3,773	8,124	11,897	744,141	600,161	1,344,302
2/25/2021	3,098	7,905	11,003	747,239	608,066	1,355,305
2/26/2021	3,979	8,797	12,776	751,218	616,863	1,368,081
2/27/2021	3,307	8,430	11,737	754,525	625,293	1,379,818
2/28/2021	3,624	7,935	11,559	758,149	633,228	1,391,377
3/1/2021	3,414	9,028	12,442	761,563	642,256	1,403,819
3/2/2021	3,348	8,627	11,975	764,911	650,883	1,415,794
3/3/2021	3,577	7,451	11,028	768,488	658,334	1,426,822
3/4/2021	0	0	0	768,488	658,334	1,426,822
3/5/2021	2,251	3,625	5,876	770,739	661,959	1,432,698
3/6/2021	2,818	7,042	9,860	773,557	669,001	1,442,558
3/7/2021	3,613	8,959	12,572	777,170	677,960	1,455,130
3/8/2021	2,942	9,124	12,066	780,112	687,084	1,467,196
3/9/2021	3,721	8,641	12,362	783,833	695,725	1,479,558
3/10/2021	4,287	8,309	12,596	788,120	704,034	1,492,154
3/11/2021	3,297	9,846	13,143	791,417	713,880	1,505,297
3/12/2021	2,855	9,044	11,899	794,272	722,924	1,517,196
3/13/2021	4,033	10,346	14,379	798,305	733,270	1,531,575
3/14/2021	4,790	10,219	15,009	803,095	743,489	1,546,584
3/15/2021	7,232	17,365	24,597	810,327	760,854	1,571,181

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
3/16/2021	6,558	14,733	21,291	816,885	775,587	1,592,472
3/17/2021	6,760	16,088	22,848	823,645	791,675	1,615,320
3/18/2021	7,129	15,072	22,201	830,774	806,747	1,637,521
3/19/2021	5,736	14,908	20,644	836,510	821,655	1,658,165
3/20/2021	6,113	13,590	19,703	842,623	835,245	1,677,868
3/21/2021	6,283	14,210	20,493	848,906	849,455	1,698,361
3/22/2021	5,172	11,773	16,945	854,078	861,228	1,715,306
3/23/2021	3,508	11,082	14,590	857,586	872,310	1,729,896
3/24/2021	4,670	11,337	16,007	862,256	883,647	1,745,903
3/25/2021	4,770	12,596	17,366	867,026	896,243	1,763,269
3/26/2021	6,056	13,540	19,596	873,082	909,783	1,782,865
3/27/2021	4,955	12,006	16,961	878,037	921,789	1,799,826
3/28/2021	4,082	12,468	16,550	882,119	934,257	1,816,376
3/29/2021	5,080	13,354	18,434	887,199	947,611	1,834,810
3/30/2021	4,159	12,113	16,272	891,358	959,724	1,851,082
3/31/2021	4,520	12,677	17,197	895,878	972,401	1,868,279
4/1/2021	0	0	0	895,878	972,401	1,868,279
4/2/2021	3,297	7,305	10,602	899,175	979,706	1,878,881
4/3/2021	4,096	12,765	16,861	903,271	992,471	1,895,742
4/4/2021	3,866	12,574	16,440	907,137	1,005,045	1,912,182
4/5/2021	3,772	13,203	16,975	910,909	1,018,248	1,929,157
4/6/2021	4,310	11,503	15,813	915,219	1,029,751	1,944,970
4/7/2021	3,559	12,322	15,881	918,778	1,042,073	1,960,851
4/8/2021	3,384	12,510	15,894	922,162	1,054,583	1,976,745
4/9/2021	3,436	13,669	17,105	925,598	1,068,252	1,993,850
4/10/2021	3,300	13,500	16,800	928,898	1,081,752	2,010,650
4/11/2021	3,322	14,211	17,533	932,220	1,095,963	2,028,183
4/12/2021	3,338	13,947	17,285	935,558	1,109,910	2,045,468
4/13/2021	3,307	12,839	16,146	938,865	1,122,749	2,061,614
4/14/2021	1,940	8,403	10,343	940,805	1,131,152	2,071,957
4/15/2021	3,595	15,275	18,870	944,400	1,146,427	2,090,827
4/16/2021	3,762	15,452	19,214	948,162	1,161,879	2,110,041
4/17/2021	3,236	16,485	19,721	951,398	1,178,364	2,129,762

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
4/18/2021	3,232	16,487	19,719	954,630	1,194,851	2,149,481
4/19/2021	2,987	15,621	18,608	957,617	1,210,472	2,168,089
4/20/2021	4,025	17,262	21,287	961,642	1,227,734	2,189,376
4/21/2021	3,092	16,313	19,405	964,734	1,244,047	2,208,781
4/22/2021	3,719	17,098	20,817	968,453	1,261,145	2,229,598
4/23/2021	2,715	15,327	18,042	971,168	1,276,472	2,247,640
4/24/2021	3,549	17,390	20,939	974,717	1,293,862	2,268,579
4/25/2021	3,878	18,248	22,126	978,595	1,312,110	2,290,705
4/26/2021	2,778	17,069	19,847	981,373	1,329,179	2,310,552
4/27/2021	3,335	18,491	21,826	984,708	1,347,670	2,332,378
4/28/2021	3,014	19,271	22,285	987,722	1,366,941	2,354,663
4/29/2021	0	0	0	987,722	1,366,941	2,354,663
4/30/2021	0	0	0	987,722	1,366,941	2,354,663
5/1/2021	1,934	11,987	13,921	989,656	1,378,928	2,368,584
5/2/2021	1,980	15,134	17,114	991,636	1,394,062	2,385,698
5/3/2021	2,325	16,008	18,333	993,961	1,410,070	2,404,031
5/4/2021	2,425	15,066	17,491	996,386	1,425,136	2,421,522
5/5/2021	3,085	19,032	22,117	999,471	1,444,168	2,443,639
5/6/2021	2,345	15,059	17,404	1,001,816	1,459,227	2,461,043
5/7/2021	2,403	17,152	19,555	1,004,219	1,476,379	2,480,598
5/8/2021	2,890	19,248	22,138	1,007,109	1,495,627	2,502,736
5/9/2021	2,890	18,515	21,405	1,009,999	1,514,142	2,524,141
5/10/2021	2,037	18,575	20,612	1,012,036	1,532,717	2,544,753
5/11/2021	2,721	13,510	16,231	1,014,757	1,546,227	2,560,984
5/12/2021	2,438	16,482	18,920	1,017,195	1,562,709	2,579,904
5/13/2021	908	7,940	8,848	1,018,103	1,570,649	2,588,752
5/14/2021	1,240	8,716	9,956	1,019,343	1,579,365	2,598,708
5/15/2021	1,565	4,952	6,517	1,020,908	1,584,317	2,605,225
5/16/2021	3,158	21,313	24,471	1,024,066	1,605,630	2,629,696
5/17/2021	2,897	21,701	24,598	1,026,963	1,627,331	2,654,294
5/18/2021	2,249	18,859	21,108	1,029,212	1,646,190	2,675,402
5/19/2021	3,431	20,745	24,176	1,032,643	1,666,935	2,699,578
5/20/2021	2,684	22,475	25,159	1,035,327	1,689,410	2,724,737

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
5/21/2021	2,885	21,254	24,139	1,038,212	1,710,664	2,748,876
5/22/2021	1,980	18,580	20,560	1,040,192	1,729,244	2,769,436
5/23/2021	2,277	20,540	22,817	1,042,469	1,749,784	2,792,253
5/24/2021	2,213	21,616	23,829	1,044,682	1,771,400	2,816,082
5/25/2021	2,368	18,900	21,268	1,047,050	1,790,300	2,837,350
5/26/2021	0	0	0	1,047,050	1,790,300	2,837,350
5/27/2021	482	3,891	4,373	1,047,532	1,794,191	2,841,723
5/28/2021	1,964	18,596	20,560	1,049,496	1,812,787	2,862,283
5/29/2021	1,518	19,965	21,483	1,051,014	1,832,752	2,883,766
5/30/2021	2,471	16,467	18,938	1,053,485	1,849,219	2,902,704
5/31/2021	2,108	19,616	21,724	1,055,593	1,868,835	2,924,428
6/1/2021	1,604	15,429	17,033	1,057,197	1,884,264	2,941,461
6/2/2021	1,930	19,758	21,688	1,059,127	1,904,022	2,963,149
6/3/2021	2,027	18,300	20,327	1,061,154	1,922,322	2,983,476
6/4/2021	1,819	18,832	20,651	1,062,973	1,941,154	3,004,127
6/5/2021	1,882	19,595	21,477	1,064,855	1,960,749	3,025,604
6/6/2021	1,907	18,302	20,209	1,066,762	1,979,051	3,045,813
6/7/2021	1,617	19,257	20,874	1,068,379	1,998,308	3,066,687
6/8/2021	2,462	19,951	22,413	1,070,841	2,018,259	3,089,100
6/9/2021	0	0	0	1,070,841	2,018,259	3,089,100
6/10/2021	1,674	15,874	17,548	1,072,515	2,034,133	3,106,648
6/11/2021	1,711	18,952	20,663	1,074,226	2,053,085	3,127,311
6/12/2021	1,334	17,006	18,340	1,075,560	2,070,091	3,145,651
6/13/2021	1,229	16,245	17,474	1,076,789	2,086,336	3,163,125
6/14/2021	1,161	15,516	16,677	1,077,950	2,101,852	3,179,802
6/15/2021	1,274	14,650	15,924	1,079,224	2,116,502	3,195,726
6/16/2021	1,669	15,828	17,497	1,080,893	2,132,330	3,213,223
6/17/2021	2,101	20,983	23,084	1,082,994	2,153,313	3,236,307
6/18/2021	1,491	17,969	19,460	1,084,485	2,171,282	3,255,767
6/19/2021	1,648	17,994	19,642	1,086,133	2,189,276	3,275,409
6/20/2021	897	9,572	10,469	1,087,030	2,198,848	3,285,878
6/21/2021	1,107	13,566	14,673	1,088,137	2,212,414	3,300,551
6/22/2021	1,383	22,079	23,462	1,089,520	2,234,493	3,324,013

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
6/23/2021	1,153	23,023	24,176	1,090,673	2,257,516	3,348,189
6/24/2021	1,349	22,068	23,417	1,092,022	2,279,584	3,371,606
6/25/2021	1,051	21,023	22,074	1,093,073	2,300,607	3,393,680
6/26/2021	1,165	20,307	21,472	1,094,238	2,320,914	3,415,152
6/27/2021	1,644	20,119	21,763	1,095,882	2,341,033	3,436,915
6/28/2021	1,449	20,753	22,202	1,097,331	2,361,786	3,459,117
6/29/2021	1,763	20,059	21,822	1,099,094	2,381,845	3,480,939
6/30/2021	1,353	19,890	21,243	1,100,447	2,401,735	3,502,182
7/1/2021	0	336	336	1,100,447	2,402,071	3,502,518
7/2/2021	525	10,911	11,436	1,100,972	2,412,982	3,513,954
7/3/2021	968	14,632	15,600	1,101,940	2,427,614	3,529,554
7/4/2021	1,466	18,711	20,177	1,103,406	2,446,325	3,549,731
7/5/2021	1,098	17,365	18,463	1,104,504	2,463,690	3,568,194
7/6/2021	1,391	20,054	21,445	1,105,895	2,483,744	3,589,639
7/7/2021	1,275	18,462	19,737	1,107,170	2,502,206	3,609,376
7/8/2021	1,316	18,857	20,173	1,108,486	2,521,063	3,629,549
7/9/2021	1,246	18,726	19,972	1,109,732	2,539,789	3,649,521
7/10/2021	1,448	17,540	18,988	1,111,180	2,557,329	3,668,509
7/11/2021	1,118	16,685	17,803	1,112,298	2,574,014	3,686,312
7/12/2021	1,284	18,308	19,592	1,113,582	2,592,322	3,705,904
7/13/2021	1,245	17,383	18,628	1,114,827	2,609,705	3,724,532
7/14/2021	110	504	614	1,114,937	2,610,209	3,725,146
7/15/2021	371	8,742	9,113	1,115,308	2,618,951	3,734,259
7/16/2021	1,326	25,848	27,174	1,116,634	2,644,799	3,761,433
7/17/2021	1,183	25,257	26,440	1,117,817	2,670,056	3,787,873
7/18/2021	1,247	23,923	25,170	1,119,064	2,693,979	3,813,043
7/19/2021	1,012	22,301	23,314	1,120,076	2,716,280	3,836,357
7/20/2021	964	19,217	20,181	1,121,040	2,735,498	3,856,538
7/21/2021	1,465	26,427	27,892	1,122,506	2,761,925	3,884,430
7/22/2021	1,253	25,185	26,439	1,123,759	2,787,110	3,910,869
7/23/2021	1,418	23,750	25,168	1,125,177	2,810,860	3,936,036
7/24/2021	1,092	23,027	24,118	1,126,268	2,833,887	3,960,155
7/25/2021	1,184	22,526	23,710	1,127,452	2,856,413	3,983,865

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
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Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
7/26/2021	1,212	22,037	23,249	1,128,664	2,878,450	4,007,114
7/27/2021	20	788	808	1,128,684	2,879,237	4,007,921
7/28/2021	65	4,118	4,183	1,128,749	2,883,355	4,012,104
7/29/2021	1,862	25,184	27,046	1,130,611	2,908,538	4,039,150
7/30/2021	1,222	26,771	27,993	1,131,833	2,935,309	4,067,142
7/31/2021	1,111	26,217	27,328	1,132,944	2,961,526	4,094,470
8/1/2021	1,004	25,616	26,620	1,133,948	2,987,142	4,121,090
8/2/2021	1,175	25,527	26,701	1,135,123	3,012,668	4,147,792
8/3/2021	949	24,461	25,410	1,136,072	3,037,129	4,173,201
8/4/2021	979	23,499	24,478	1,137,052	3,060,628	4,197,679
8/5/2021	1,049	23,899	24,948	1,138,101	3,084,527	4,222,627
8/6/2021	1,034	22,522	23,555	1,139,134	3,107,048	4,246,183
8/7/2021	1,015	21,617	22,632	1,140,149	3,128,665	4,268,814
8/8/2021	1,130	22,726	23,856	1,141,279	3,151,392	4,292,670
8/9/2021	932	19,353	20,284	1,142,210	3,170,744	4,312,955
8/10/2021	101	4,399	4,500	1,142,312	3,175,143	4,317,455
8/11/2021	1,493	12,271	13,764	1,143,805	3,187,414	4,331,219
8/12/2021	844	18,047	18,891	1,144,649	3,205,461	4,350,110
8/13/2021	1,098	20,800	21,897	1,145,746	3,226,261	4,372,007
8/14/2021	991	20,908	21,899	1,146,737	3,247,169	4,393,906
8/15/2021	997	22,266	23,263	1,147,734	3,269,435	4,417,169
8/16/2021	1,049	22,549	23,598	1,148,783	3,291,984	4,440,766
8/17/2021	979	19,364	20,343	1,149,762	3,311,348	4,461,110
8/18/2021	1,092	21,936	23,028	1,150,854	3,333,284	4,484,138
8/19/2021	1,112	21,998	23,109	1,151,965	3,355,282	4,507,247
8/20/2021	1,176	22,298	23,474	1,153,141	3,377,580	4,530,721
8/21/2021	1,050	24,893	25,943	1,154,190	3,402,473	4,556,664
8/22/2021	950	26,035	26,985	1,155,140	3,428,508	4,583,648
8/23/2021	1,010	24,481	25,491	1,156,150	3,452,989	4,609,139
8/24/2021	980	24,995	25,975	1,157,130	3,477,984	4,635,114
8/25/2021	966	24,163	25,129	1,158,096	3,502,148	4,660,244
8/26/2021	40	383	424	1,158,136	3,502,531	4,660,667
8/27/2021	912	21,893	22,806	1,159,049	3,524,424	4,683,473

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
8/28/2021	1,400	29,479	30,879	1,160,449	3,553,904	4,714,352
8/29/2021	1,175	27,564	28,739	1,161,624	3,581,467	4,743,091
8/30/2021	1,213	27,447	28,660	1,162,837	3,608,914	4,771,751
8/31/2021	1,393	26,096	27,490	1,164,230	3,635,011	4,799,241
9/1/2021	1,311	25,610	26,921	1,165,541	3,660,621	4,826,162
9/2/2021	1,326	22,712	24,038	1,166,867	3,683,334	4,850,201
9/3/2021	1,108	24,340	25,448	1,167,975	3,707,673	4,875,649
9/4/2021	1,146	24,910	26,056	1,169,121	3,732,584	4,901,704
9/5/2021	1,265	25,060	26,325	1,170,385	3,757,644	4,928,029
9/6/2021	1,693	24,082	25,775	1,172,078	3,781,725	4,953,804
9/7/2021	1,233	24,135	25,368	1,173,312	3,805,860	4,979,172
9/8/2021	1,212	23,502	24,714	1,174,524	3,829,362	5,003,885
9/9/2021	1,030	23,944	24,974	1,175,553	3,853,306	5,028,860
9/10/2021	1,093	22,472	23,565	1,176,647	3,875,778	5,052,424
9/11/2021	910	21,229	22,139	1,177,557	3,897,007	5,074,564
9/12/2021	1,329	23,200	24,528	1,178,885	3,920,206	5,099,092
9/13/2021	943	23,955	24,897	1,179,828	3,944,161	5,123,989
9/14/2021	2,203	25,634	27,837	1,182,031	3,969,795	5,151,826
9/15/2021	1,295	23,531	24,826	1,183,326	3,993,326	5,176,652
9/16/2021	72	433	505	1,183,398	3,993,759	5,177,157
9/17/2021	1,179	17,328	18,507	1,184,577	4,011,087	5,195,664
9/18/2021	1,418	26,717	28,135	1,185,994	4,037,805	5,223,799
9/19/2021	1,484	27,496	28,981	1,187,479	4,065,301	5,252,780
9/20/2021	1,494	26,448	27,942	1,188,973	4,091,749	5,280,721
9/21/2021	1,313	25,731	27,045	1,190,286	4,117,480	5,307,766
9/22/2021	1,460	24,975	26,434	1,191,745	4,142,455	5,334,200
9/23/2021	81	868	949	1,191,826	4,143,322	5,335,149
9/24/2021	1,132	22,120	23,252	1,192,958	4,165,442	5,358,400
9/25/2021	1,592	27,646	29,238	1,194,550	4,193,088	5,387,638
9/26/2021	1,362	27,285	28,648	1,195,912	4,220,374	5,416,286
9/27/2021	1,414	27,306	28,720	1,197,326	4,247,680	5,445,006
9/28/2021	1,252	24,784	26,036	1,198,578	4,272,464	5,471,042
9/29/2021	1,202	26,448	27,650	1,199,780	4,298,912	5,498,692

Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
9/30/2021	1,224	24,065	25,289	1,201,004	4,322,977	5,523,981
10/1/2021	1,160	25,396	26,556	1,202,164	4,348,373	5,550,537
10/2/2021	1,203	22,726	23,929	1,203,366	4,371,099	5,574,466
10/3/2021	1,265	25,804	27,069	1,204,631	4,396,904	5,601,535
10/4/2021	1,272	25,915	27,187	1,205,904	4,422,818	5,628,722
10/5/2021	911	23,392	24,302	1,206,814	4,446,210	5,653,025
10/6/2021	1,130	24,864	25,994	1,207,945	4,471,074	5,679,019
10/7/2021	1,293	24,075	25,368	1,209,238	4,495,149	5,704,387
10/8/2021	1,052	23,653	24,705	1,210,290	4,518,802	5,729,092
10/9/2021	910	22,682	23,592	1,211,200	4,541,484	5,752,684
10/10/2021	1,011	23,328	24,339	1,212,211	4,564,812	5,777,023
10/11/2021	1,060	23,158	24,218	1,213,271	4,587,970	5,801,241
10/12/2021	728	18,387	19,115	1,213,999	4,606,357	5,820,356
10/13/2021	950	22,724	23,674	1,214,949	4,629,081	5,844,030
10/14/2021	1,134	20,803	21,937	1,216,084	4,649,884	5,865,968
10/15/2021	1,456	20,504	21,961	1,217,540	4,670,388	5,887,928
10/16/2021	1,393	20,889	22,282	1,218,933	4,691,278	5,910,210
10/17/2021	1,288	21,765	23,053	1,220,220	4,713,043	5,933,263
10/18/2021	1,236	18,699	19,935	1,221,456	4,731,742	5,953,198
10/19/2021	1,351	21,740	23,090	1,222,807	4,753,481	5,976,288
10/20/2021	1,289	21,173	22,462	1,224,096	4,774,655	5,998,751
10/21/2021	1,206	19,945	21,152	1,225,302	4,794,600	6,019,902
10/22/2021	1,403	19,509	20,911	1,226,705	4,814,109	6,040,814
10/23/2021	1,036	17,935	18,971	1,227,741	4,832,043	6,059,784
10/24/2021	1,045	20,856	21,901	1,228,786	4,852,899	6,081,685
10/25/2021	1,160	20,738	21,898	1,229,947	4,873,637	6,103,584
10/26/2021	1,122	20,294	21,416	1,231,069	4,893,931	6,125,000
10/27/2021	40	766	806	1,231,109	4,894,697	6,125,806
10/28/2021	0	2,483	2,483	1,231,109	4,897,180	6,128,289
10/29/2021	1,518	26,085	27,603	1,232,627	4,923,265	6,155,892
10/30/2021	1,374	24,722	26,096	1,234,001	4,947,987	6,181,988
10/31/2021	1,273	25,167	26,440	1,235,274	4,973,154	6,208,428
11/1/2021	924	16,326	17,251	1,236,199	4,989,480	6,225,678

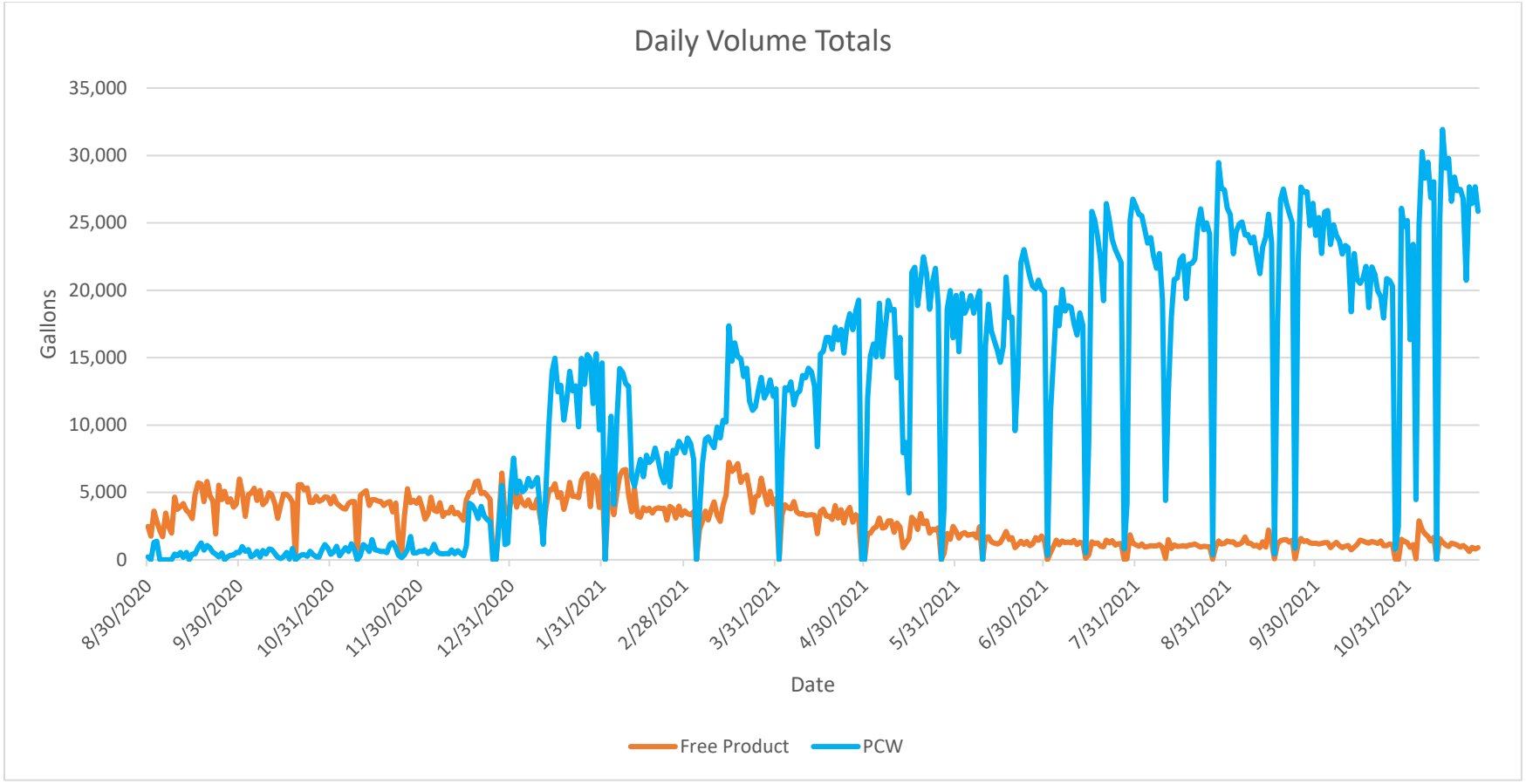
Appendix E - Table 1
Summary of Frac Tank Recovery Volumes
(August 30, 2020 - November 15, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Product Gallons	PCW Gallons	Total Gallons	Product Cumulative	PCW Cumulative	Total Cumulative Gallons
11/2/2021	1,134	23,409	24,543	1,237,333	5,012,888	6,250,221
11/3/2021	62	4,464	4,526	1,237,395	5,017,352	6,254,747
11/4/2021	2,896	24,895	27,791	1,240,291	5,042,247	6,282,538
11/5/2021	2,242	30,272	32,515	1,242,533	5,072,519	6,315,052
11/6/2021	1,932	28,323	30,256	1,244,466	5,100,842	6,345,308
11/7/2021	1,738	29,504	31,242	1,246,204	5,130,346	6,376,550
11/8/2021	1,396	26,863	28,260	1,247,601	5,157,209	6,404,810
11/9/2021	1,662	28,047	29,709	1,249,263	5,185,256	6,434,519
11/10/2021	0	0	0	1,249,263	5,185,256	6,434,519
11/11/2021	1,577	25,073	26,649	1,250,839	5,210,329	6,461,168
11/12/2021	1,319	31,928	33,246	1,252,158	5,242,257	6,494,415
11/13/2021	1,103	29,067	30,170	1,253,261	5,271,324	6,524,585
11/14/2021	975	29,790	30,765	1,254,237	5,301,114	6,555,350
11/15/2021	1,232	26,586	27,818	1,255,469	5,327,700	6,583,169

Appendix E
Petroleum Contact Water And Free Product Recovery Graphs

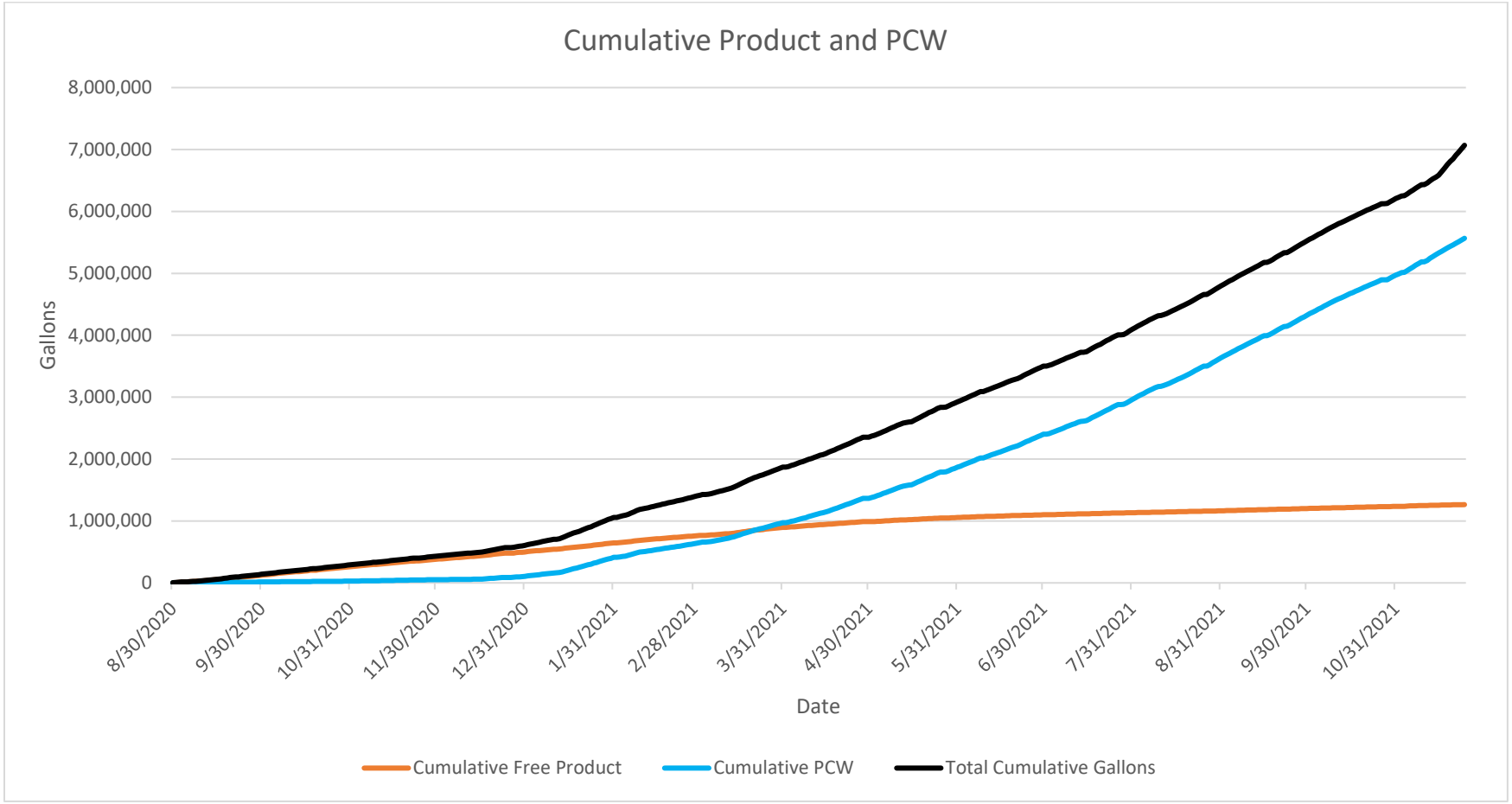
Colonial Pipeline Company
2020-L1-2448 Incident
Huntersville, North Carolina



Notes:
PCW = Petroleum Contact Water

Appendix E
Petroleum Contact Water And Free Product Recovery Graphs

Colonial Pipeline Company
2020-L1-2448 Incident
Huntersville, North Carolina



Notes:
PCW = Petroleum Contact Water

APPENDIX F

COPIES OF BILLS OF LADING AND WASTE MANIFESTS

Table 1
Summary of Liquids and Soil Removed from Site
(August 15, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Description	Volume on Bills of Lading (Gallons)	Volume from Frac Gauging (Gallons)	Mass on Bills of Lading (Tons)
From Initial Response	--	90,930	--
Frac Tank Gauging Product Through 10/31/2021	--	1,234,550	--
Frac Tank Gauging PCW Through 10/31/2021	--	4,969,469	--
Total Fluids Shipped to STAT Facility for Bulking Through 10/31/2021	1,576,619	--	--
PCW Shipped by Legacy to HCC Through 10/31/2021	274,978	--	--
PCW Shipped by Legacy to Legacy Through 10/31/2021	526,737	--	--
Soil Shipped by Republic Services Through 10/31/2021	--	--	8,764
PCW Shipped by MEI to MEI Through 10/31/2021	370,967	--	--
PCW Shipped by MEI to HCC Through 10/31/2021	20,922	--	--
PCW Shipped by Covanta to Covanta Through 10/31/2021	3,818,279	--	--
Combined Total Liquids Removed Through 09/30/2021 vs. Gauging(1)	6,588,502	6,294,949	--
PCW Shipped to Aaron Oil Through 10/31/2021(2)	192,858	--	--

Notes:

Summary of liquid and solids removed from site through the preceding month.

See Table 2 for summary of shipments to STAT.

See Table 3 for summary of shipments by Legacy to HCC.

See Table 4 for summary of shipments to Legacy.

See Table 5 for summary of soil shipped to Republic Services.

See Table 6 for summary of liquids shipped to Aaron Oil.

See Table 7 for summary of shipments to MEI.

See Table 8 for summary of shipments by MEI to HCC.

See Table 9 for summary of liquids shipped to Covanta.

(1) Gauging. Volumes of gasoline Free Product and PCW are measured on-site in each frac tank before and after liquids in the frac tank are transferred off-site. Volumes of recovered gasoline Free Product and PCW are calculated from these frac tank measurements rather than volume estimates recorded on bills of lading to provide a consistent measuring point and protocol at each stationary frac tank, and to eliminate potential design inconsistency, measurements not obtained from a level location, not allowing enough time for demulsification, etc.

(2) Liquids shipped to Aaron Oil consist primarily of PCW drilling fluids and do not pass through Frac Tank systems.

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
8/15/2020	--	5,230	9359	X
8/15/2020	--	4,300	9360	X
8/15/2020	--	4,500	9362	X
8/15/2020	--	4,700	9364	X
8/16/2020	--	5,500	8753	X
8/16/2020	--	4,500	8641	X
8/16/2020	--	4,700	9240	X
8/16/2020	--	4,500	8752	X
8/16/2020	--	5,500	9717	X
8/16/2020	--	5,030	9504	X
8/16/2020	--	5,010	9503	X
8/16/2020	--	4,750	9501	X
8/16/2020	--	5,200	8668	X
8/16/2020	--	5,178	8642	X
8/16/2020	--	5,150	9348	X
8/17/2020	--	4,500	7211	X
8/17/2020	--	3,230	9509	X
8/17/2020	--	5,345	9510	X
8/17/2020	--	4,500	8667	X
8/18/2020	--	5,460	9719	X
9/4/2020	--	4,311	9547	X
9/4/2020	--	2,783	9555	X
9/6/2020	--	5,279	9556	X
9/6/2020	--	3,589	9546	X
9/9/2020	--	4,964	9553	X
9/9/2020	--	5,264	9554	X
9/11/2020	--	5,333	9570	X
9/12/2020	--	4,964	9568	X
9/14/2020	--	4,797	9567	X
9/14/2020	--	4,479	9565	X
9/15/2020	--	5,712	9560	X
9/16/2020	--	4,908	9561	X
9/18/2020	--	5,015	9562	X
9/18/2020	--	4,908	9563	X
9/21/2020	--	5,375	9572	X
9/21/2020	--	5,045	9564	X
9/21/2020	--	5,691	9559	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
9/21/2020	--	5,045	9571	X
9/22/2020	--	5,326	9558	X
9/25/2020	--	5,122	9573	X
9/25/2020	--	5,121	9574	X
9/25/2020	--	5,423	15511	X
9/28/2020	--	5,539	9576	X
9/28/2020	--	5,606	9575	X
9/30/2020	--	5,423	9583	X
9/30/2020	--	5,086	9582	X
10/2/2020	--	5,516	9581	X
10/2/2020	--	5,447	9580	X
10/5/2020	--	5,470	9579	X
10/5/2020	--	5,149	9589	X
10/6/2020	--	5,670	9588	X
10/6/2020	--	5,086	9587	X
10/7/2020	--	5,043	9586	X
10/8/2020	--	5,712	9585	X
10/9/2020	--	5,016	9584	X
10/12/2020	--	5,516	9578	X
10/12/2020	--	5,649	9590	X
10/13/2020	--	5,628	9591	X
10/15/2020	--	5,606	9592	X
10/16/2020	--	5,493	9593	X
10/16/2020	--	5,423	9594	X
10/20/2020	--	5,562	15506	X
10/20/2020	--	5,493	15510	X
10/22/2020	--	5,423	9595	X
10/22/2020	--	5,606	204	X
10/23/2020	--	5,649	203	X
10/23/2020	--	5,691	9596	X
10/26/2020	--	4,142	9600	X
10/26/2020	--	5,695	202	X
10/27/2020	--	5,617	9599	X
10/27/2020	--	5,695	201	X
10/30/2020	--	5,448	207	X
10/30/2020	--	5,492	9597	X
11/2/2020	--	5,767	206	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
11/2/2020	--	5,695	205	X
11/2/2020	--	4,145	9598	X
11/3/2020	--	5,448	231	X
11/4/2020	--	5,403	230	X
11/5/2020	--	5,617	229	X
11/6/2020	--	5,448	228	X
11/9/2020	--	5,492	232	X
11/9/2020	--	5,535	227	X
11/11/2020	--	5,535	240	X
11/11/2020	--	5,492	233	X
11/13/2020	--	5,577	237	X
11/13/2020	--	5,492	236	X
11/16/2020	--	5,448	235	X
11/17/2020	--	5,492	208	X
11/18/2020	--	5,577	234	X
11/18/2020	--	5,802	241	X
11/19/2020	--	5,215	242	X
11/19/2020	--	5,358	243	X
11/23/2020	--	5,535	244	X
11/24/2020	--	5,492	245	X
11/25/2020	--	5,215	246	X
11/25/2020	--	5,403	247	X
11/30/2020	--	5,535	248	X
11/30/2020	--	5,492	249	X
12/1/2020	--	5,577	250	X
12/1/2020	--	5,555	251	X
12/3/2020	--	5,657	252	X
12/3/2020	--	5,535	253	X
12/4/2020	--	5,617	254	X
12/7/2020	--	5,535	255	X
12/8/2020	--	5,264	256	X
12/9/2020	--	5,535	257	X
12/10/2020	--	5,264	258	X
12/11/2020	--	5,577	259	X
12/14/2020	--	5,617	260	X
12/15/2020	--	5,695	261	X
12/17/2020	--	5,577	262	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
12/17/2020	--	5,802	263	X
12/18/2020	--	5,617	264	X
12/21/2020	--	5,358	265	X
12/22/2020	--	5,555	266	X
12/22/2020	--	5,000	267	X
12/22/2020	--	5,535	268	X
12/23/2020	--	5,577	269	X
12/23/2020	--	5,000	270	X
12/23/2020	--	5,577	271	X
12/28/2020	--	5,535	272	X
12/28/2020	--	5,617	274	X
12/28/2020	--	5,000	273	X
12/29/2020	--	5,802	275	X
12/30/2020	--	5,120	277	X
12/31/2020	--	5,864	276	X
1/4/2020	--	5,695	280	X
1/4/2020	--	5,543	279	X
1/4/2020	--	5,535	278	X
1/5/2021	--	5,732	282	X
1/5/2021	--	4,682	281	X
1/7/2021	--	5,577	283	X
1/9/2021	--	5,492	285	X
1/10/2021	--	5,577	284	X
1/11/2021	--	5,264	286	X
1/13/2021	--	5,617	289	X
1/14/2021	--	5,535	290	X
1/15/2021	--	4,979	291	X
1/15/2021	--	5,291	292	X
1/16/2021	--	5,400	295	X
1/18/2021	--	5,264	296	X
1/18/2021	--	5,400	293	X
1/19/2021	--	5,577	298	X
1/20/2021	--	5,535	299	X
1/21/2021	--	5,577	297	X
1/22/2021	--	5,695	300	X
1/23/2021	--	5,732	225	X
1/25/2021	--	5,492	223	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
1/25/2021	--	5,450	224	X
1/26/2021	--	5,492	221	X
1/26/2021	--	5,400	220	X
1/27/2021	--	5,264	219	X
1/28/2021	--	5,403	218	X
1/29/2021	--	4,911	217	X
1/29/2021	--	5,069	216	X
2/1/2021	--	5,865	215	X
2/2/2021	--	5,577	214	X
2/3/2021	--	5,264	210	X
2/4/2021	--	4,641	213	X
2/5/2021	--	5,535	9045	X
2/8/2021	--	5,535	9055	X
2/8/2021	--	5,191	9054	X
2/9/2021	--	5,895	9053	X
2/9/2021	--	4,825	9052	X
2/10/2021	--	5,990	9051	X
2/11/2021	--	3,733	9050	X
2/12/2021	--	5,577	9049	X
2/15/2021	--	5,264	9048	X
2/16/2021	--	5,732	9047	X
2/17/2021	--	4,000	9059	X
2/17/2021	--	4,811	222	X
2/18/2021	--	5,700	9056	X
2/19/2021	--	5,200	9057	X
2/22/2021	--	5,767	9077	X
2/22/2021	--	5,827	9078	X
2/24/2021	--	5,932	9046	X
2/24/2021	--	5,921	9076	X
2/25/2021	--	5,150	9061	X
2/26/2021	--	5,400	9064	X
2/28/2021	--	5,000	9062	X
3/2/2021	--	6,276	9060	X
3/2/2021	--	5,708	9063	X
3/3/2021	--	5,932	9065	X
3/6/2021	--	5,932	9075	X
3/8/2021	--	5,601	9074	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
3/9/2021	--	5,687	9072	X
3/10/2021	--	5,932	9071	X
3/12/2021	--	5,932	9070	X
3/13/2021	--	6,048	9069	X
3/15/2021	--	6,048	9068	X
3/16/2021	--	6,048	9066	X
3/16/2021	--	5,400	9067	X
3/17/2021	--	5,700	9079	X
3/18/2021	--	5,998	9100	X
3/19/2021	--	5,998	9098	X
3/19/2021	--	5,869	9099	X
3/20/2021	--	6,108	9097	X
3/22/2021	--	6,048	9095	X
3/22/2021	--	5,921	9096	X
3/23/2021	--	5,732	9094	X
3/24/2021	--	6,100	9093	X
3/25/2021	--	5,871	9092	X
3/26/2021	--	6,166	9090	X
3/27/2021	--	6,048	9091	X
3/29/2021	--	6,019	9088	X
3/29/2021	--	6,166	9089	X
3/30/2021	--	6,048	9087	X
3/31/2021	--	6,019	9086	X
4/1/2021	--	5,921	9085	X
4/2/2021	--	5,921	9084	X
4/3/2021	--	5,150	9083	X
4/5/2021	--	6,166	9082	X
4/5/2021	--	5,500	9081	X
4/6/2021	--	6,000	9080	X
4/8/2021	--	6,107	801	X
4/9/2021	--	6,048	822	X
4/12/2021	--	6,048	820	X
4/13/2021	--	5,267	819	X
4/14/2021	--	5,971	818	X
4/15/2021	--	5,700	816	X
4/16/2021	--	6,048	815	X
4/19/2021	--	5,971	814	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
4/20/2021	--	6,048	813	X
4/21/2021	--	6,019	812	X
4/22/2021	--	6,220	811	X
4/23/2021	--	6,166	810	X
4/24/2021	--	6,019	809	X
4/26/2021	--	6,019	808	X
4/27/2021	--	6,166	807	X
4/28/2021	--	5,767	806	X
5/3/2021	--	6,048	803	X
5/4/2021	--	6,166	802	X
5/5/2021	--	5,452	823	X
5/7/2021	--	5,400	825	X
5/10/2021	--	6,166	827	X
5/11/2021	--	5,550	828	X
5/12/2021	--	5,932	805	X
5/17/2021	--	6,166	832	X
5/18/2021	--	6,107	833	X
5/19/2021	--	5,932	834	X
5/20/2021	--	5,812	835	X
5/21/2021	--	6,048	836	X
5/24/2021	--	5,932	837	X
5/25/2021	--	6,048	838	X
5/29/2021	--	5,526	839	X
5/31/2021	--	6,048	840	X
6/1/2021	--	6,220	841	X
6/4/2021	--	6,166	842	X
6/7/2021	--	6,048	843	X
6/8/2021	--	6,166	844	X
6/14/2021	--	6,166	845	X
6/15/2021	--	6,010	846	X
6/21/2021	--	6,166	847	X
6/25/2021	--	6,061	8106	X
6/28/2021	--	5,487	850	X
6/29/2021	--	5,781	853	X
7/7/2021	--	5,750	859	X
7/9/2021	--	5,850	860	X
7/16/2021	--	5,624	7742	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
7/20/2021	--	5,386	848	X
7/22/2021	--	6,600	861	X
7/27/2021	--	5,665	863	X
8/3/2021	--	5,718	867	X
8/7/2021	--	5,377	869	X
8/10/2021	--	5,701	871	X
8/16/2021	--	6,100	866	X
8/19/2021	--	6,100	862	X
8/24/2021	--	5,267	872	X
8/30/2021	--	5,875	873	X
9/1/2021	--	5,363	868	X
9/5/2021	--	5,769	874	X
9/9/2021	--	5,239	876	X
9/11/2021	408	5,700	877	X
9/15/2021	--	5,611	878	X
9/17/2021	--	5,812	879	X
9/21/2021	408	5,405	16623	X
9/24/2021	426	5,500	880	X
9/29/2021	--	5,755	882	X
10/1/2021	--	5,591	883	
10/6/2021	128	5,239	9767	
10/10/2021	--	6,048	10726	
10/13/2021	426	6,048	10920	
10/19/2021	137	5,503	1008	
10/22/2021	--	5,785	10727	
10/26/2021	431	5,818	10731	
10/29/2021	431	5,705	7001	
Total		**1,576,619**		

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00883
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd. Huntersville, NC 28078		4. Shipper's Phone 1-800-627-1451
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT INC. 2550 Hickory Blvd. Lenoir, NC. 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid N.O.S. (Contains less than 10% gas/water) PG III	01	TT	Est. 5591	G
	b.				
	c.				
	d.				

G. Additional Descriptions for Materials Listed Above

USE DOT GUIDE # 128

15. Special Handling Instructions and Additional Information

16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport

Printed/Typed Name	Signature	Date Month	Day	Year
Deric Reaper		10	1	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Ethan Cagan		10	1	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	10	1	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC. 800-627-1451**	2. BOL # 09767
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd. Huntersville, NC 28078		4. Shipper's Phone 1-800-627-1451
5. Carrier **STAT, INC.**		A. Carrier Phone # **(828) 396-2304**
7. Carrier		D. Carrier Phone
9. Consignee Name & Address **STAT, INC. 2550 Hickory Blvd. Lenoir, NC 28645**		F. Consignee Phone **(828) 396-2304**

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid N.O.S. (Contains less than 10% gas/water) PG III	01	TT	EST 5239	G
	b.				
	c.				
	d.				

G. Additional Descriptions for Materials Listed Above

USE DOT GUIDE # 128

15. Special Handling Instructions and Additional Information

Tanker 128 12:30 - 4:30

16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport

Printed/Typed Name	Signature	Date Month	Day	Year
Deric Reaper	Deric Reaper	10	6	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Kevin Walker	Kevin Walker	10	6	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	10	6	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC. 800-627-1451**	2. BOL # 10726
3. Shipper Name & Address: CPL Huntersville Site Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone # **(828) 396-2304**
7. Carrier		D. Carrier Phone
9. Consignee Name & Address: **STAT, INC.** **2550 Hickory Blvd.** **Lenoir, NC 28645**		F. Consignee Phone **(828) 396-2304**

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
✓	a. UN 1993 Flammable Liquid N.O.S. Contains Gasoline 3 PG II	001	TT	6048	G
	b.				
	c.				
	d.				

G. Additional Descriptions for Materials Listed Above

USE DOT GUIDE # 128

15. Special Handling Instructions and Additional Information

16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport

Printed/Typed Name	Signature	Date Month	Day	Year
Deric Reaper	Deric Reaper	10	10	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Richard Haigler	Richard Haigler	10	10	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	10	10	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC. 800-627-1451**	2. BOL # 10920
3. Shipper Name & Address CPL 14108 Huntersville-Concord Rd. Huntersville, NC 28078		4. Shipper's Phone 1-800-627-1451
5. Carrier **STAT, INC.**		A. Carrier Phone # **(828) 396-2304**
7. Carrier		D. Carrier Phone
9. Consignee Name & Address **STAT, INC.** **2550 Hickory Blvd.** **Lenoir, NC 28645**		F. Consignee Phone **(828) 396-2304**

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flamable Liquid N.O.S. (Contains less than 10% gas/water) PGIII	001	TT	6,048	G
	b.				
	c.				
	d.				

G. Additional Descriptions for Materials Listed Above

USE DOT GUIDE # 128

15. Special Handling Instructions and Additional Information

TRK#166
TRL#4260

16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport

Printed/Typed Name	Signature	Date (Month Day Year)
Colonial Pipeline/Kim Moyer for Adam Harris	K. Moyer	10 13 21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Mike Angel		10 13 21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date (Month Day Year)
Allison Wike	Allison Wike	10 13 21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 01008
3. Shipper Name & Address: CPL Huntersville 14108 Huntersville-Concord Rd Huntersville, NC 28078		4. Shipper's Phone: 1-800-627-1451
5. Carrier **STAT, INC.**		A. Carrier Phone #: 1-800-627-1451
7. Carrier		D. Carrier Phone: 828-396-2304
9. Consignee Name & Address: Stat, Inc. 2550 Hickory Blvd, SW Lenoir, NC 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN 1993 Flammable Liquid N.O.S Contains Gasoline 3 PG III	01	TT	5503	Gal
	b.				
	c.				
	d.				

G. Additional Descriptions for Materials Listed Above

USE DOT GUIDE # 128

15. Special Handling Instructions and Additional Information: Trk134 Trl 27-1958

16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport

Colonial Pipeline / Tim Moyer for Adam Harris CPL

Printed/Typed Name	Signature	Date Month	Day	Year
Tim Moyer / T.L.M.	T.L. Moyer	10	19	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Tim Killam		10	19	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	10	19	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC. 800-627-1451**	2. BOL # 10727
3. Shipper Name & Address: CPL Huntersville leak Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone # **(828) 396-2304**
7. Carrier		D. Carrier Phone
9. Consignee Name & Address: **STAT, INC. 2550 Hickory Blvd. Lenoir, NC 28645**		F. Consignee Phone **(828) 396-2304**

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
/	UN1993 Flamable liquid less than 10% Water Gasoline 3 PG II	001	TT	5785	G
	b.				
	c.				
	d.				

G. Additional Descriptions for Materials Listed Above

USE DOT GUIDE # 128

15. Special Handling Instructions and Additional Information

16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport

Printed/Typed Name	Signature	Date Month	Day	Year
Colonial Pipeline/Tim Moyer for Adam Harris CR	T. L. Moyer	10	22	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Richard Haigler	Richard Haigler	10	22	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	10	22	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC. 800-627-1451**	2. BOL # 10731
3. Shipper Name & Address Colonial Pipeline Company 14108 Huntersville-Concord Rd Huntersville, NC		4. Shipper's Phone 1-800-627-1451
5. Carrier **STAT, INC.**		A. Carrier Phone # **(828) 396-2304**
7. Carrier		D. Carrier Phone
9. Consignee Name & Address **STAT, INC. 2550 Hickory Blvd. Lenoir, NC 28645**		F. Consignee Phone **(828) 396-2304**

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993, Flammable Liquids, N.O.S (Contains less than 10% Gas	01	TT	Est. 5,818	G
	b.				
	c.				
	d.				

G. Additional Descriptions for Materials Listed Above

USE DOT GUIDE # 128

15. Special Handling Instructions and Additional Information

Truck # 160

Trailer # 431 D

16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport

Printed/Typed Name	Signature	Date Month	Day	Year
Colonial Pipe Line/Tim Mayer for Adam Harris CPL	J. L. Moya	10	26	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Maurice Wilson	Maurice Wilson	10	26	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Derrick Lail	Derrick Lail	10	26	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC. 800-627-1451**	2. BOL # 07001
3. Shipper Name & Address CPL Huntersville 14108 Huntersville-Concord Rd Huntersville, NC 28078		4. Shipper's Phone 1-800-627-1451
5. Carrier **STAT, INC.**		A. Carrier Phone # **(828) 396-2304**
7. Carrier		D. Carrier Phone
9. Consignee Name & Address **STAT, INC. 2550 Hickory Blvd. Lenoir, NC 28645**		F. Consignee Phone **(828) 396-2304**

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable liquid n.o.s. (Contains less than 10% gas/water) PG III	1	TT	5,705	G
	b.				
	c.				
	d.				

G. Additional Descriptions for Materials Listed Above

USE DOT GUIDE # 128

15. Special Handling Instructions and Additional Information

TK # 160
TL # 431

16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport

Printed/Typed Name	Signature	Date Month	Day	Year
Colonial Pipeline / Kim Moyer for Adam Harris CPL	J. L. Moyer	10	29	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Maurice Wilson	Maurice Wilson	10	29	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	10	29	21

Table 3
Summary of Liquids Shipped to HCC
(December 21, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Gallons	Manifest No.	Manifest Previously Provided
12/21/2020	5,490	10547	X
12/21/2020	4,792	10508	X
12/28/2020	3,200	8937	X
12/28/2020	5,500	8938	X
12/31/2020	4,545	10536	X
1/3/2021	5,500	10553	X
1/3/2021	5,906	10554	X
1/4/2021	3,400	10552	X
1/4/2021	4,100	11002	X
1/5/2021	5,906	11000	X
1/5/2021	2,800	11001	X
1/6/2021	2,699	10551	X
1/7/2021	4,545	11004	X
1/9/2021	5,704	10537	X
1/9/2021	3,888	8944	X
1/9/2021	2,140	8945	X
1/10/2021	2,693	10538	X
1/11/2021	3,911	8951	X
1/12/2021	4,669	8952	X
1/13/2021	5,598	10555	X
1/13/2021	5,500	10556	X
1/14/2021	5,208	8974	X
1/14/2021	5,342	8975	X
1/15/2021	4,243	8977	X
1/15/2021	2,809	8978	X
1/15/2021	5,490	11051	X
1/15/2021	2,950	11052	X
1/16/2021	2,700	11053	X
1/16/2021	3,593	11054	X
1/16/2021	3,800	11055	X
1/17/2021	3,600	8954	X
1/17/2021	2,700	8955	X
1/17/2021	3,600	8956	X
1/18/2021	2,700	8957	X
1/18/2021	4,233	8958	X
1/18/2021	3,390	8959	X
1/18/2021	4,128	8960	X
1/18/2021	2,160	11066	X

Table 3
Summary of Liquids Shipped to HCC
(December 21, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

1/19/2021	3,788	8961	X
1/19/2021	4,243	8962	X
1/19/2021	3,783	8963	X
1/20/2021	2,500	8964	X
1/20/2021	3,800	8965	X
1/20/2021	4,315	8966	X
1/21/2020	2,772	8967	X
1/21/2021	4,416	8968	X
1/21/2021	3,868	8969	X
1/21/2021	3,011	8987	X
1/22/2021	4,372	8995	X
1/22/2021	3,822	8996	X
1/22/2021	2,717	8997	X
1/23/2021	4,473	8990	X
1/23/2021	2,763	8988	X
1/23/2021	3,515	8989	X
1/24/2021	4,512	8992	X
1/24/2021	2,801	8991	X
1/24/2021	3,927	8993	X
1/25/2021	4,233	8986	X
1/25/2021	3,692	8985	X
1/25/2021	3,528	11056	X
1/25/2021	2,835	8994	X
1/26/2021	2,500	11057	X
1/26/2021	3,696	9016	X
1/26/2021	4,224	9015	X
1/26/2021	5,800	8998	X
1/27/2021	4,320	8999	X
1/27/2021	3,620	9000	X
1/27/2021	4,224	9001	X
1/27/2021	3,840	9004	X
1/28/2021	3,936	9007	X
Total	**274,978**		

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Gallons	Manifest No.	Manifest Previously Provided
1/28/2021	3,654	9006	X
1/28/2021	4,224	9005	X
1/28/2021	1,974	9003	X
1/29/2021	4,224	9008	X
1/29/2021	3,696	9010	X
1/29/2021	3,840	9017	X
1/29/2021	2,142	9011	X
1/30/2021	2,900	9013	X
1/30/2021	3,360	9014	X
1/30/2021	3,614	9018	X
2/1/2021	2,400	9019	X
2/1/2021	3,612	9020	X
2/1/2021	2,268	9021	X
2/1/2021	2,814	9022	X
2/1/2021	3,696	9029	X
2/2/2021	3,696	8953	X
2/2/2021	2,772	8979	X
2/3/2021	3,612	9024	X
2/3/2021	2,989	9023	X
2/3/2021	2,940	9026	X
2/4/2021	2,520	9025	X
2/5/2021	3,150	9027	X
2/5/2021	3,150	9028	X
2/5/2021	2,800	7456	X
2/6/2021	3,360	9030	X
2/6/2021	2,772	9031	X
2/6/2021	2,700	9032	X
2/6/2021	3,696	9033	X
2/6/2021	2,562	9034	X
2/7/2021	4,176	9037	X
2/8/2021	2,800	9038	X
2/8/2021	3,698	9039	X
2/8/2021	3,654	9040	X
2/8/2021	2,600	9041	X
2/8/2021	3,780	9042	X
2/8/2021	4,100	9043	X
2/8/2021	3,486	9044	X

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

2/9/2021	3,698	9047	X
2/9/2021	2,458	9048	X
2/9/2021	2,127	9049	X
2/10/2021	3,363	9050	X
2/10/2021	3,948	9051	X
2/11/2021	3,444	9052	X
2/11/2021	3,649	9053	X
2/12/2021	3,531	9054	X
2/12/2021	1,342	9055	X
2/13/2021	3,574	9056	X
2/15/2021	3,532	9057	X
2/15/2021	3,532	9058	X
2/15/2021	3,535	9060	X
2/15/2021	3,740	9061	X
2/16/2021	3,532	9059	X
2/16/2021	3,573	9062	X
2/16/2021	2,287	9063	X
2/17/2021	3,589	9064	X
2/17/2021	3,490	9065	X
2/17/2021	3,552	9068	X
2/18/2021	3,381	9069	X
2/18/2021	3,377	9070	X
2/19/2021	3,364	9102	X
2/19/2021	2,700	9103	X
2/19/2021	2,550	9100	X
2/20/2021	3,368	9095	X
2/20/2021	3,175	9099	X
2/22/2021	3,368	9094	X
2/22/2021	3,360	9101	X
2/22/2021	2,142	9176	X
2/22/2021	3,384	9180	X
2/22/2021	2,880	9093	X
2/23/2021	2,730	9178	X
2/23/2021	2,746	9179	X
2/24/2021	3,048	9177	X
2/24/2021	2,801	9092	X
2/24/2021	2,976	9182	X
2/25/2021	2,625	9172	X
2/25/2021	1,848	9170	X
2/25/2021	2,491	9173	X
2/26/2021	2,428	9171	X

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

2/26/2021	3,048	9186	X
2/26/2021	2,667	9185	X
2/27/2021	3,048	9183	X
2/27/2021	3,024	9184	X
2/28/2021	2,684	9128	X
2/28/2021	3,600	9127	X
2/28/2021	2,552	9124	X
3/2/2021	2,616	9120	X
3/2/2021	3,029	9121	X
3/2/2021	2,600	9122	X
3/2/2021	2,928	9123	X
3/2/2021	2,579	9125	X
3/2/2021	3,178	9126	X
3/2/2021	2,592	9175	X
3/3/2021	2,933	9165	X
3/3/2021	2,918	9174	X
3/3/2021	2,012	9181	X
3/6/2021	3,331	9130	X
3/6/2021	3,360	9132	X
3/6/2021	2,534	9133	X
3/8/2021	2,478	9091	X
3/8/2021	2,470	9097	X
3/8/2021	2,731	9134	X
3/8/2021	2,688	9135	X
3/8/2021	2,894	9136	X
3/8/2021	3,600	9137	X
3/9/2021	2,736	9129	X
3/9/2021	2,520	9138	X
3/9/2021	3,600	9236	X
3/9/2021	2,000	9252	X
3/10/2021	2,602	9244	X
3/10/2021	2,680	9245	X
3/10/2021	2,562	9250	X
3/10/2021	2,698	9251	X
3/11/2021	2,604	9282	X
3/12/2021	2,928	9090	X
3/12/2021	2,671	9253	X
3/12/2021	2,976	9254	X
3/12/2021	2,579	9255	X
3/13/2021	2,604	9285	X
3/13/2021	2,784	9238	X

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

3/13/2021	3,595	9287	X
3/13/2021	3,360	9286	X
3/15/2021	3,024	9290	X
3/15/2021	3,096	9294	X
3/15/2021	2,962	9296	X
3/15/2021	3,062	9298	X
3/15/2021	2,938	9295	X
3/15/2021	3,024	9292	X
3/15/2021	3,024	9297	X
3/15/2021	3,158	9240	X
3/15/2021	2,658	9237	X
3/16/2021	3,096	9293	X
3/16/2021	3,005	9239	X
3/16/2021	3,254	9288	X
3/16/2021	3,081	9283	X
3/16/2021	3,000	9284	X
3/16/2021	2,870	9256	X
3/17/2021	3,072	9300	X
3/17/2021	2,976	9301	X
3/17/2021	3,120	9247	X
3/17/2021	3,240	8982	X
3/17/2021	3,019	8981	X
3/17/2021	3,086	9299	X
3/17/2021	2,990	9246	X
3/18/2021	3,149	9304	X
3/18/2021	3,124	9242	X
3/18/2021	3,216	9243	X
3/18/2021	2,952	9241	X
3/18/2021	2,976	9303	X
3/18/2021	3,038	9302	X
3/19/2021	3,216	9310	X
3/19/2021	3,058	9309	X
3/19/2021	2,909	9307	X
3/19/2021	3,000	9306	X
3/19/2021	3,034	9305	X
3/19/2021	3,009	8984	X
3/20/2021	3,158	9311	X
3/20/2021	3,178	9342	X
3/20/2021	3,264	9343	X
3/20/2021	3,168	9313	X
3/22/2021	3,062	9347	X

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

3/22/2021	2,890	9249	X
3/22/2021	2,990	9348	X
3/22/2021	3,120	9349	X
3/22/2021	3,115	9350	X
3/22/2021	3,139	9345	X
3/22/2021	3,220	9248	X
3/22/2021	3,125	9314	X
3/22/2021	3,024	9335	X
3/23/2021	3,045	9344	X
3/23/2021	3,120	9346	X
3/23/2021	3,254	9341	X
3/23/2021	3,269	9291	X
3/23/2021	2,899	9339	X
Total	**526,737**		

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/7/2020	80	1	763626	20.64	X
10/7/2020	76	2	763625	12.67	X
10/7/2020	83	3	763624	18.6	X
10/7/2020	131	4	763623	22.68	X
10/7/2020	138	5	763622	22.18	X
10/7/2020	159	6	763621	22.1	X
10/7/2020	161	7	763620	16.22	X
10/7/2020	163	8	763619	21.29	X
10/7/2020	84	9	763618	21.87	X
10/7/2020	152	10	763617	20.6	X
10/8/2020	140	11	763616	23.31	X
10/8/2020	83	12	763615	19.6	X
10/8/2020	80	13	763614	20.55	X
10/8/2020	76	14	763613	13.15	X
10/8/2020	131	15	763612	23.02	X
10/8/2020	138	16	763611	23.34	X
10/8/2020	159	17	763610	23.07	X
10/8/2020	161	18	763609	19.21	X
10/8/2020	80	19	763608	19.69	X
10/8/2020	83	20	763607	20.2	X
10/8/2020	162	21	763606	23.64	X
10/8/2020	84	22	763605	12.05	X
10/8/2020	163	23	763604	25.21	X
10/8/2020	83	24	763603	21.84	X
10/8/2020	83	25	763602	23.85	X
10/8/2020	80	26	763601	20.07	X
10/8/2020	131	27	763600	22.92	X
10/8/2020	138	28	763599	22.84	X
10/8/2020	140	29	763598	23.26	X
10/8/2020	162	30	763597	24.74	X
10/8/2020	84	31	763596	21.81	X
10/8/2020	161	32	763595	18.15	X
10/8/2020	80	33	763594	23.42	X
10/8/2020	159	34	763593	23.37	X
10/8/2020	163	35	763592	26.12	X
10/8/2020	84	36	763591	21.45	X
10/8/2020	131	37	763590	24.03	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/8/2020	138	38	763589	22.18	X
10/9/2020	83	39	763588	24.07	X
10/9/2020	80	40	763587	23.98	X
10/9/2020	80	41	763586	20.06	X
10/9/2020	162	42	763585	22.25	X
10/9/2020	131	43	763584	22.4	X
10/9/2020	161	44	763583	18.38	X
10/9/2020	84	45	763582	19.74	X
10/9/2020	159	46	763581	21.94	X
10/9/2020	140	47	763580	25.28	X
10/9/2020	83	48	763579	22.92	X
10/9/2020	163	49	763578	21.82	X
10/9/2020	80	50	765577	19.84	X
10/9/2020	138	51	763576	22.08	X
10/9/2020	83	52	763575	19.47	X
10/9/2020	131	53	763574	21.24	X
10/9/2020	162	54	763573	21.62	X
10/9/2020	140	55	763572	25.73	X
10/9/2020	84	56	763571	19.97	X
10/9/2020	161	57	763570	17.38	X
10/9/2020	163	58	763568	22.2	X
10/9/2020	80	59	763569	20.81	X
10/9/2020	159	60	763567	23.02	X
10/9/2020	83	61	763566	21.28	X
10/13/2020	159	62	763565	23.92	X
10/9/2020	80	63	763563	21.09	X
10/14/2020	131	64	763564	17.34	X
10/13/2020	163	65	763562	23.78	X
10/13/2020	138	66	763561	23.64	X
10/13/2020	76	67	763560	13.32	X
10/13/2020	131	68	763559	18.51	X
10/13/2020	162	69	763558	17.66	X
10/13/2020	80	70	763557	15.91	X
10/13/2020	84	71	763556	16.64	X
10/14/2020	84	72	763555	17.02	X
10/14/2020	159	73	763554	18.36	X
10/14/2020	162	74	763553	20.6	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/14/2020	163	75	763552	20.63	X
10/14/2020	138	76	763551	16.65	X
10/14/2020	80	77	763550	19.29	X
10/14/2020	83	78	763549	18:57	X
10/13/2020	140	79	763548	22.7	X
10/14/2020	84	80	763547	19.59	X
10/14/2020	162	81	763546	21.53	X
10/14/2020	159	82	763545	20.11	X
10/14/2020	163	83	763528	19.57	X
10/14/2020	138	84	763529	20.27	X
10/14/2020	131	85	763530	20.79	X
10/14/2020	80	86	763531	16.14	X
10/14/2020	83	87	763532	19.68	X
10/14/2020	84	88	763533	22.43	X
10/14/2020	163	89	763534	20.38	X
10/14/2020	159	90	763535	23.01	X
10/14/2020	138	91	763536	18.62	X
10/15/2020	162	92	763537	21.45	X
10/15/2020	131	93	763538	25.29	X
10/15/2020	160	94	763539	22.34	X
10/15/2020	80	95	763540	17.31	X
10/15/2020	84	96	763541	22.81	X
10/15/2020	83	97	763542	21.78	X
10/15/2020	163	98	763543	25.06	X
10/15/2020	159	99	763544	20.1	X
10/15/2020	83	100	1041191	20.06	X
10/15/2020	84	101	1041192	20.18	X
10/15/2020	162	102	1041193	9.98	X
10/15/2020	138	103	1041194	19.84	X
10/15/2020	80	104	1041195	19.33	X
10/15/2020	84	105	1041196	23.51	X
10/15/2020	131	106	1041197	20.59	X
10/15/2020	160	107	1041198	21.17	X
10/16/2020	163	108	1041199	23.45	X
10/16/2020	148	109	1041200	23.54	X
10/16/2020	162	110	1041201	24.52	X
10/16/2020	131	111	1041202	24.79	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/16/2020	80	112	1041203	13.55	X
10/16/2020	140	113	1041204	22.24	X
10/16/2020	160	114	1041205	22.85	X
10/16/2020	131	115	1041206	21.88	X
10/16/2020	83	116	1041207	19.6	X
10/16/2020	138	117	1041208	22.2	X
10/16/2020	162	118	1041209	23.01	X
10/16/2020	163	119	1041210	22.69	X
10/16/2020	160	120	1041211	23.28	X
10/16/2020	80	121	1041212	20.78	X
10/16/2020	140	122	1041213	23.99	X
10/16/2020	83	123	1041214	20.75	X
10/16/2020	138	124	1041215	22.93	X
10/16/2020	131	125	1041216	23.66	X
10/16/2020	84	126	1041217	21.2	X
10/15/2020	83	127	1041240	20.23	X
10/15/2020	83	128	1041239	20.25	X
10/15/2020	138	129	1041238	23.64	X
10/15/2020	162	130	1041237	22.27	X
10/16/2020	84	131	1041236	21.25	X
10/15/2020	80	132	1041235	20.05	X
10/15/2020	131	133	1041234	22.39	X
10/15/2020	160	134	1041233	21.69	X
10/15/2020	83	135	1041232	19.76	X
10/16/2020	138	136	1041231	21.88	X
10/16/2020	83	137	1041230	19.9	X
10/16/2020	163	138	1041229	22.39	X
10/16/2020	160	139	1041228	21.86	X
10/16/2020	80	140	1041227	19.81	X
10/16/2020	138	141	1041226	22.35	X
10/16/2020	140	142	1041225	23.29	X
10/17/2020	83	143	1041224	21.04	X
10/16/2020	83	144	1041223	21.55	X
10/17/2020	131	145	1041222	24.25	X
10/17/2020	84	146	1041221	22.42	X
10/17/2020	84	147	1041220	20.74	X
10/17/2020	163	148	1041219	22.37	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/17/2020	159	149	1041218	23.09	X
10/17/2020	160	150	1042521	28.87	X
10/17/2020	138	151	1042522	17.61	X
10/17/2020	162	152	1042523	22.25	X
10/17/2020	131	153	1042524	23.74	X
10/17/2020	83	154	1042525	21.69	X
10/19/2020	160	155	1042526	22.93	X
10/19/2020	138	156	1042527	21.68	X
10/17/2020	84	157	1042528	22.51	X
10/19/2020	84	158	1042529	21.84	X
10/19/2020	84	159	1042530	21.4	X
10/19/2020	131	160	1042531	25.24	X
10/19/2020	160	161	1042532	23.97	X
10/19/2020	80	162	1042533	22.1	X
10/19/2020	148	163	1042534	25.18	X
10/19/2020	163	164	1042535	23	X
10/19/2020	162	165	1042536	24.93	X
10/19/2020	83	166	1042537	20.12	X
10/19/2020	83	167	1042538	20.78	X
10/19/2020	159	168	1042539	23.25	X
10/19/2020	138	169	1042540	24.46	X
10/19/2020	163	170	1042541	24.13	X
10/19/2020	162	171	1042542	24.68	X
10/19/2020	159	172	1042552	22.51	X
10/19/2020	148	173	1042550	24.25	X
10/19/2020	80	174	1042549	19.28	X
10/19/2020	83	175	1042548	21.09	X
10/19/2020	83	176	1042547	20.36	X
10/19/2020	84	177	1042544	17.22	X
10/19/2020	84	178	1042543	21.05	X
10/19/2020	138	179	1042553	22.15	X
10/19/2020	160	180	1042554	22.46	X
10/19/2020	162	181	1042555	22.78	X
10/19/2020	163	182	1042556	22.84	X
10/19/2020	159	183	1042557	21.94	X
10/19/2020	80	184	1042558	19.46	X
10/19/2020	148	185	1042559	22.35	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/19/2020	138	186	1042569	19.52	X
10/19/2020	160	187	1042568	21.9	X
10/19/2020	80	188	1042566	20.21	X
10/20/2020	148	189	1042565	23.85	X
10/19/2020	83	190	1042564	21.15	X
10/19/2020	163	191	1042563	22.45	X
10/20/2020	138	192	1042562	21.32	X
10/27/2020	138	193	1042561	26.39	X
10/27/2020	80	194	1042560	17.99	X
10/27/2020	83	195	1042570	17.61	X
10/27/2020	159	196	1042571	15.69	X
10/27/2020	163	197	1042572	27.02	X
10/27/2020	152	198	1042573	15.26	X
10/27/2020	162	199	1042574	12.25	X
10/27/2020	160	200	1042575	23.35	X
10/27/2020	148	201	1042576	19.66	X
10/27/2020	138	202	1042577	21.4	X
10/27/2020	80	203	1042578	17.99	X
10/27/2020	148	204	1042580	26.34	X
10/27/2020	159	205	1042581	21.14	X
10/27/2020	163	206	1042582	21.3	X
10/27/2020	160	207	1042583	23.81	X
10/27/2020	162	208	1042584	25.04	X
10/27/2020	152	209	1042585	28.95	X
10/27/2020	138	210	1042586	24.03	X
10/27/2020	148	211	1042587	29.6	X
10/27/2020	80	212	1042588	19.2	X
10/27/2020	83	213	1042589	19	X
10/27/2020	159	214	1042590	26.14	X
10/27/2020	163	215	1042591	27.96	X
10/27/2020	84	216	1042546	19.06	X
10/27/2020	84	217	1042545	18.83	X
10/27/2020	162	218	1042567	19.53	X
10/28/2020	83	219	1042592	18.61	X
10/28/2020	160	220	1042593	27.25	X
10/28/2020	160	221	1042594	27.11	X
10/28/2020	84	222	1042595	18.07	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/28/2020	152	223	1042596	22.3	X
10/28/2020	80	224	1042597	19.45	X
10/28/2020	83	225	1042598	17.21	X
10/28/2020	148	226	1042599	26.88	X
10/28/2020	162	227	1042600	23.87	X
10/28/2020	163	228	1042601	26.78	X
10/28/2020	159	229	1042602	25.38	X
10/28/2020	160	230	1042603	24.73	X
10/28/2020	138	231	1042604	22.53	X
10/28/2020	80	232	1042605	18.57	X
10/28/2020	152	233	1042606	23.96	X
10/28/2020	84	234	1042607	19.48	X
10/29/2020	83	235	1042609	20.85	X
10/28/2020	162	236	1042610	20.04	X
10/28/2020	159	237	1042611	25.07	X
10/28/2020	163	238	1042612	23.46	X
10/29/2020	160	239	1042613	21.31	X
10/28/2020	138	240	1042614	22.8	X
10/29/2020	80	241	1042608	18.98	X
10/28/2020	82	242	1042616	1.93	X
12/1/2020	D11	243	1042716	8.99	X
12/4/2020	D10	244	1042719	18.13	X
12/7/2020	D10	245	1042718	10.86	X
12/7/2020	D10	246	1042717	20.31	X
12/8/2020	D10	247	1042715	16.57	X
12/8/2020	D10	248	1042714	18.27	X
12/9/2020	D10	249	1042713	17.75	X
12/9/2020	D10	250	1042712	16.03	X
12/15/2020	D9	251	1042711	18.3	X
12/15/2020	D10	252	1042710	15.67	X
12/28/2020	BT21	253	1042709	16.15	X
12/28/2020	BT10	254	1042708	17.13	X
12/28/2020	BT16	255	1042707	15.99	X
12/28/2020	D10	256	1042706	20.54	X
12/28/2020	BT13	257	1042705	13.73	X
12/29/2020	D11	258	1042704	18.02	X
12/29/2020	KT10	259	1042703	12.93	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
12/29/2020	2	260	1042702	14.71	X
12/29/2020	BT11	261	1042701	13.49	X
12/29/2020	D10	262	1042700	18.08	X
12/29/2020	D11	263	1042699	16.5	X
12/29/2020	2	264	1042698	10.74	X
12/29/2020	BT11	265	1042697	15.39	X
12/29/2020	D10	266	1042696	21.92	X
12/29/2020	KT10	267	1042695	13.95	X
12/29/2020	D11	268	1042694	21.82	X
12/29/2020	2	269	1042693	14.59	X
12/29/2020	BT11	270	1042692	14.15	X
12/29/2020	KT10	271	1042691	11.87	X
12/29/2020	BT16	272	1042690	18.83	X
12/29/2020	D10	273	1042689	21.27	X
12/29/2020	2	274	1042688	13.89	X
12/29/2020	11	275	1042687	21.74	X
12/29/2020	KT10	276	1042686	14.07	X
12/30/2020	BT16	277	1042685	20.84	X
12/30/2020	2	278	1042684	20.55	X
12/30/2020	D9	279	1042683	24.14	X
12/30/2020	KT12	280	1042682	18.19	X
12/30/2020	KT10	281	1042681	16.65	X
12/30/2020	D10	282	1042680	23.35	X
12/30/2020	D11	283	1042679	20.99	X
12/30/2020	BT16	284	1042678	19.04	X
12/30/2020	KT12	285	1042677	13.2	X
12/30/2020	KT10	286	1042676	11.66	X
12/30/2020	2	287	1042675	13.89	X
12/30/2020	9	288	1042674	20.15	X
12/30/2020	D11	289	1042673	18.64	X
12/30/2020	BT16	290	1042672	21.59	X
12/30/2020	D10	291	1042671	24.53	X
12/30/2020	2	292	1042670	15.86	X
12/30/2020	D9	293	1042669	23.36	X
12/30/2020	KT12	294	1042668	12.59	X
12/30/2020	KT10	295	1042667	9.69	X
12/30/2020	BT16	296	1042666	16.34	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
12/30/2020	2	297	1042665	13.59	X
12/30/2020	D9	298	1042664	20.03	X
12/30/2020	D10	299	1042663	22.03	X
12/30/2020	D11	300	1042662	19.31	X
12/30/2020	D10	301	1042661	23.84	X
12/30/2020	2	302	1042660	14.77	X
12/30/2020	KT12	303	1042659	16.1	X
1/4/2021	BT16	304	1042658	16.82	X
1/4/2021	D10	305	1042657	19.44	X
1/4/2021	D11	306	1042656	19.72	X
1/4/2021	KT10	307	1042655	10.66	X
1/4/2020	KT11	308	1042654	16.17	X
1/4/2020	D9	309	1042653	18.7	X
1/4/2021	BT16	310	1042652	16.49	X
1/4/2021	D10	311	1042651	16.61	X
1/4/2021	--	312	1042650	17.59	X
1/4/2021	--	313	1042649	16.52	X
1/5/2021	10	314	1042648	9.29	X
1/5/2021	2	315	1042647	15.68	X
1/5/2021	BT17	316	1042646	22.03	X
1/5/2021	BT13	317	1042645	18.95	X
1/5/2021	D10	318	1042644	17.82	X
1/5/2021	--	319	1042643	20.29	X
1/5/2021	D11	320	1042642	23.23	X
1/5/2021	2	321	1042641	14.6	X
1/5/2021	BT17	322	1042640	19.55	X
1/5/2021	BT13	323	1042639	15.93	X
1/5/2021	KT10	324	1042638	15.22	X
1/5/2021	D11	325	1042637	12.39	X
1/5/2021	2	326	1042636	14.48	X
1/5/2021	D10	327	1042635	10.74	X
1/5/2021	D11	328	1042634	21.16	X
1/5/2021	BT17	329	1042633	18.47	X
1/5/2021	BT13	330	1042632	14.13	X
1/5/2021	KT10	331	1042631	11.83	X
1/5/2021	2	332	1042630	13.84	X
1/6/2021	D10	333	1042629	22.66	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/6/2021	BT9	334	1042628	14.21	X
1/6/2021	D11	335	1042627	23.62	X
1/6/2021	KT10	336	1042626	8.52	X
1/6/2021	2	337	1042625	13.34	X
1/6/2021	BT19	338	1042624	11.17	X
1/6/2021	BPD5	339	1042623	16.84	X
1/6/2021	KT11	340	1042622	17.73	X
1/6/2021	D11	341	1042621	21.52	X
1/6/2021	BT9	342	1042722	16.39	X
1/6/2021	BT19	343	1042723	21.74	X
1/7/2021	KT10	344	1042724	13.94	X
1/7/2021	KT10	345	1042725	14.62	X
1/7/2021	KT12	346	1042726	12.39	X
1/7/2021	BPD5	347	1042727	17.02	X
1/7/2021	BT19	348	1042728	15.29	X
1/7/2021	D11	349	1042729	17.38	X
1/7/2021	D10	350	1042730	23.65	X
1/7/2021	2	351	1042731	13.53	X
1/7/2021	BPD5	352	1042732	17.74	X
1/7/2021	KT10	353	1042733	15.05	X
1/7/2021	BT19	354	1042734	16.24	X
1/7/2021	D11	355	1042735	15.15	X
1/7/2021	D10	356	1042736	19.04	X
1/7/2021	2	357	1042737	13.75	X
1/7/2021	KT10	358	1042738	12.09	X
1/7/2021	KT12	359	1042739	14.06	X
1/7/2021	BT19	360	1042740	15.63	X
1/7/2021	BPD5	361	1042741	17.08	X
1/7/2021	D11	362	1042742	19.1	X
1/7/2020	D10	363	1042743	21.91	X
1/11/2021	D9	364	1042744	21.5	X
1/11/2021	KT12	365	1042745	10.82	X
1/11/2021	KT10	366	1042746	10.56	X
1/11/2021	D11	367	1042747	15.66	X
1/11/2021	BT13	368	1042748	18.33	X
1/11/2021	D10	369	1042749	20.7	X
1/11/2021	BT19	370	1042750	14.83	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/11/2021	BT19	371	1042751	18.47	X
1/11/2021	BT10	372	1042752	17.11	X
1/11/2021	D11	373	1042753	22.73	X
1/11/2021	D10	374	1042754	23.1	X
1/11/2021	BT19	375	1042755	18.94	X
1/11/2021	BT13	376	1042756	22.47	X
1/11/2021	D9	377	1042757	21.75	X
1/11/2021	BT9	378	1042758	13.9	X
1/11/2021	BT10	379	1042759	18.24	X
1/11/2021	D11	380	1042760	23.37	X
1/11/2021	KT12	381	1042761	12.93	X
1/11/2021	KT10	382	1042762	12.26	X
1/11/2021	D10	383	1042763	18.35	X
1/11/2021	BT13	384	1042764	21.29	X
1/11/2021	BT19	385	1042765	16.45	X
1/11/2021	D9	386	1042766	16.4	X
1/11/2021	KT12	387	1042767	15.97	X
1/11/2021	BT10	388	1042768	14.74	X
1/11/2021	KT10	389	1042769	20.18	X
1/11/2021	BT9	390	1042770	22.24	X
1/11/2021	D10	391	1042771	13.66	X
1/11/2021	KT12	392	1042772	13.66	X
1/12/2021	D9	393	1042773	19.74	X
1/12/2021	D11	394	1042774	18.7	X
1/12/2021	KT10	395	1042775	12.27	X
1/12/2021	D10	396	1042776	20.91	X
1/12/2021	D9	397	1042777	20.9	X
1/12/2021	D10	398	1042778	19.92	X
1/12/2021	D10	399	1042779	20.7	X
1/12/2021	KT10	400	1042780	12.11	X
1/12/2021	D9	401	1042781	22.22	X
1/12/2021	D10	402	1042782	21.13	X
1/12/2021	KT10	403	1042783	11.51	X
1/12/2021	D11	404	1042784	13.36	X
1/14/2021	D9	405	1042785	19.56	X
1/14/2021	D9	406	1042786	20.38	X
1/14/2021	D11	407	1042787	19.11	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/14/2021	D10	408	1042788	20.06	X
1/14/2021	D11	409	1042789	23.14	X
1/14/2021	D9	410	1042790	19.92	X
1/14/2021	D9	411	1042791	20.78	X
1/14/2021	D9	412	1042792	19.3	X
1/14/2021	D11	413	1042793	23.15	X
1/14/2021	BT10	414	1042794	21.01	X
1/15/2021	D10	415	1042795	20.98	X
1/15/2021	BT9	416	1042796	17.74	X
1/15/2021	D9	417	1042797	21.16	X
1/15/2021	D11	418	1042798	20.85	X
1/15/2021	D10	419	1042799	19.74	X
1/15/2021	D11	420	1042800	22.07	X
1/15/2021	D9	421	1042801	21.46	X
1/15/2021	D10	422	1042802	18.59	X
1/15/2021	D11	423	1042803	22.76	X
1/15/2021		424	1042804	19.6	X
1/22/2021	163	425	1042822	26.58	X
1/22/2021	162	426	1042818	25.2	X
1/22/2021	148	427	1042819	31.13	X
1/22/2021	96	428	1042805	12.12	X
1/22/2021		429	1042817	19.66	X
1/22/2021	138	430	1042821	19.66	X
1/29/2021	--	431	1042822	20.06	X
1/29/2021	--	432	1042824	17.5	X
2/2/2021	96	433	1042823	17.5	X
2/8/2021	96	434	1042826	18.68	X
2/15/2021	96	435	1042827	14.08	X
2/24/2021	82	436	1042828	21.27	X
3/9/2021	96	437	1042829	13.22	X
3/15/2021	82	438	1042830	10.78	X
4/23/2021	96	439	1042831	9.03	X
5/10/2021	82	440	1042832	10.59	X
6/2/2021	96	441	1042812	9.89	X
6/24/2021	96	442	1042833	13.99	X
7/28/2021	96	443	1042834	6.46	X
8/4/2021	96	444	1042835	14.38	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448 Incident
Huntersville, North Carolina

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
8/18/2021	82	445	1042836	10.59	X
9/2/2021	96	446	1042837	9.97	X
9/17/2021	96	447	1042838	13.95	X
9/17/2021	96	448	1042839	12.31	X
10/20/2021	96	450	1042868	16.44	
10/20/2021	96	451	1042869	17.34	
Total				**8,764**	

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 280[illegible]

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	Y6
TICKET #	1841105
CELL	
WEIGHMASTER	Keyona C.
DATE/TIME IN	10/20/21 10:26 am
DATE/TIME OUT	10/20/21 10:26 a
VEHICLE	stat96
CONTAINER	r1282
REFERENCE	1042868
BILL OF LADING	

SCALE IN	GROSS WEIGHT	68,200	NET TONS	16.44	INBOUND
TARE OUT	TARE WEIGHT	35,320	NET WEIGHT	32,880	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.44	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

HARD HATS AND SAFETY VEST ARE REQUIRED WHEN EXITING YOUR VEHICLE

WHILE IN THE LANDFILL. IF YOU DO NOT HAVE THESE ITEMS YOU MAY BORROW

A SET FROM THE SCALE HOUSE. THANK YOU.

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042868

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	184110

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078
4. Phone ( )	6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-20-12078	9/17/2021				
b.				1444	
c.				32880	

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

BIL: STAT 100170

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
Curtis Gunter as agent for Adam Harris	Curtis Gunter	10	20	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Cody Ward	Cody Ward	10	20	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	K	10	20	21

TRANSPORTER #2

REV 04/19

COM000033

RS-F15

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	044	

WEIGHMASTER Keyona C.

DATE/TIME IN	DATE/TIME OUT
10/20/21 8:33 am	10/20/21 8:33 a

VEHICLE stat96 **CONTAINER** stat507

REFERENCE 1042869

BILL OF LADING

MANUAL IN	GROSS WEIGHT	70,800	NET TONS	17.34	INBOUND
TARE OUT	TARE WEIGHT	36,120	NET WEIGHT	34,680	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.34	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				

HARD HATS AND SAFETY VEST ARE REQUIRED WHEN EXITING YOUR VEHICLE

WHILE IN THE LANDFILL. IF YOU DO NOT HAVE THESE ITEMS YOU MAY BORROW

A SET FROM THE SCALE HOUSE. THANK YOU.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042869

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	184/044

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213	Colonial Pipeline Company 14103 Huntersville-Concord Rd. Paw Creek, NC 28078
4. Phone ( )	6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-20-12073	9/17/2021				
b.				1734	
c.				34080	

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
BIL: STAT 100170

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
Curtis Gunter as Agent For Adam Harris	Curtis Gunter	10	20	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Cody Ward	Cody Ward	10	20	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kevin	K	10	20	21

TRANSPORTER #1

REV 04/19

COM000033
RS-F15

Table 6
Summary of Liquids Shipped to
Aaron Oil
(September 12, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Gallons	Bill of Lading No.	Manifest Previously Received
9/12/2020	5,191	154376	X
9/17/2020	3,497	154379	X
9/25/2020	4,911	154378	X
9/30/2020	5,333	155096	X
10/4/2020	2,450	154501	X
10/5/2020	4,873	154502	X
10/21/2020	5,200	147321	X
10/29/2020	5,000	155094	X
11/2/2020	5,363	154503	X
11/3/2020	5,500	154387	X
11/5/2021	5,300	155097	X
11/5/2020	4,755	155166	X
11/7/2020	5,000	155167	X
11/9/2021	5,500	155098	X
11/9/2020	5,000	155168	X
11/11/2020	5,000	155169	X
11/12/2021	5,000	155099	X
11/14/2020	5,000	155171	X
11/17/2020	5,224	155170	X
11/19/2020	5,286	155173	X
12/1/2020	5,130	155175	X
12/1/2020	5,500	154382	X
12/23/2020	5,191	155174	X
1/12/2021	2,500	155661	X
1/19/2021	5,000	155665	X
1/20/2021	5,000	155666	X
1/20/2021	5,400	155667	X
1/21/2021	5,000	155672	X
1/25/2021	5,500	155172	X
1/25/2021	5,254	155670	X
1/26/2021	4,050	155671	X
2/2/2021	5,000	155668	X
2/10/2020	5,000	155669	X
2/17/2021	7,700	155304	X
2/19/2021	5,000	155305	X
2/23/2021	5,000	155311	X
3/10/2021	2,500	155309	X
3/22/2021	2,800	155316	X
4/29/2021	2,700	155315	X

Table 6
Summary of Liquids Shipped to
Aaron Oil
(September 12, 2020 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Gallons	Bill of Lading No.	Manifest Previously Received
9/24/2021	1,000	155319	X
9/28/2021	3,500	155320	X
9/30/2021	750	155321	X
Total	**192,858**		

Table 7
Summary of Liquids Shipped to MEI
(March 24, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Gallons	Manifest No.	Manifest Previously Provided
3/24/2021	5,348	1	X
3/26/2021	5,538	5	X
3/26/2021	5,476	6	X
3/27/2021	5,481	7	X
3/27/2021	5,417	8	X
3/27/2021	5,538	9	X
3/29/2021	5,449	12	X
3/29/2021	5,480	13	X
3/29/2021	5,417	14	X
3/30/2021	5,480	15	X
3/30/2021	5,417	16	X
3/31/2021	5,417	17	X
3/31/2021	5,417	18	X
3/31/2021	5,417	19	X
4/1/2021	5,417	20	X
4/2/2021	5,417	21	X
4/3/2021	5,417	22	X
4/3/2021	5,482	23	X
4/5/2021	5,417	24	X
4/5/2021	5,417	25	X
4/5/2021	5,417	26	X
4/5/2021	5,417	27	X
4/5/2021	5,348	28	X
4/6/2021	5,417	29	X
4/6/2021	5,147	30	X
4/6/2021	5,417	31	X
4/7/2021	5,417	32	X
4/8/2021	5,417	33	X
4/8/2021	5,417	34	X
4/9/2021	5,195	35	X
4/9/2021	5,417	36	X
4/9/2021	5,417	37	X
4/9/2021	5,417	38	X
4/10/2021	5,417	39	X
4/10/2021	5,417	40	X
4/12/2021	5,417	41	X
4/12/2021	5,417	42	X
4/12/2021	5,417	43	X

Table 7
Summary of Liquids Shipped to MEI
(March 24, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

4/12/2021	5,417	44	X
4/13/2021	5,417	45	X
4/13/2021	5,417	46	X
4/13/2021	5,023	47	X
4/14/2021	5,417	48	X
4/14/2021	5,417	49	X
4/15/2021	5,417	50	X
4/15/2021	5,417	51	X
4/15/2021	5,417	52	X
4/16/2021	5,417	53	X
4/16/2021	5,417	54	X
4/17/2021	5,412	55	X
4/17/2021	5,410	56	X
4/17/2021	5,417	57	X
4/19/2021	5,417	58	X
4/19/2021	5,348	59	X
4/19/2021	5,417	60	X
4/19/2021	5,417	61	X
4/20/2021	5,417	62	X
4/20/2021	5,417	63	X
4/21/2021	5,417	64	X
4/21/2021	5,481	65	X
4/21/2021	3,000	66	X
4/21/2021	5,417	67	X
4/21/2021	5,417	68	X
4/22/2021	5,417	69	X
4/22/2021	5,417	70	X
4/22/2021	5,417	71	X
4/22/2021	5,417	72	X
4/23/2021	5,481	73	X
4/23/2021	5,417	74	X
Total	**370,967**		

Table 8
Summary of Liquids Shipped to HCC
(March 24, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Gallons	Manifest No.	Manifest Previously Provided
3/24/2021	5,111	2	X
3/25/2021	5,417	3	X
3/25/2021	4,977	4	X
3/29/2021	5,417	11	X
Total	**20,922**		

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Date	Truck No.	Gallons	Manifest No.	Manifest Previously Provided
4/23/2021	--	5,024	139108	X
4/23/2021	--	5,259	139105	X
4/24/2021	--	5,125	139159	X
4/24/2021	--	5,076	139115	X
4/24/2021	--	5,125	139150	X
4/24/2021	--	5,022	139149	X
4/26/2021	--	4,964	139157	X
4/26/2021	--	5,010	139158	X
4/26/2021	--	5,020	139160	X
4/26/2021	--	5,084	139156	X
4/26/2021	--	5,029	139154	X
4/27/2021	--	5,024	139179	X
4/27/2021	--	5,180	139182	X
4/27/2021	--	5,122	139180	X
4/27/2021	--	4,847	139183	X
4/28/2021	--	5,173	139192	X
4/28/2021	--	5,129	139188	X
4/28/2021	--	5,175	139151	X
4/28/2021	--	5,300	139193	X
4/28/2021	--	4,664	139200	X
5/1/2021	--	5,156	139218	X
5/1/2021	--	5,141	139256	X
5/1/2021	--	4,832	139260	X
5/1/2021	--	5,118	139257	X
5/2/2021	--	5,050	139261	X
5/2/2021	--	5,300	139259	X
5/3/2021	--	5,209	139264	X
5/3/2021	--	5,000	139266	X
5/3/2021	--	5,213	139265	X
5/3/2021	--	4,456	139267	X
5/4/2021	--	5,055	139243	X
5/4/2021	--	5,048	139241	X
5/4/2021	--	4,412	139240	X
5/4/2021	--	5,036	139242	X
5/5/2021	--	5,041	139308	X
5/5/2021	--	5,141	139219	X
5/5/2021	--	5,029	139310	X
5/5/2021	--	5,096	139309	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

5/6/2021	--	4,854	139277	X
5/6/2021	--	5,022	139281	X
5/6/2021	--	4,894	139278	X
5/6/2021	--	4,981	139282	X
5/7/2021	--	4,993	139351	X
5/7/2021	--	4,993	139354	X
5/7/2021	--	5,000	139350	X
5/7/2021	--	3,552	139356	X
5/8/2021	--	4,964	139326	X
5/8/2021	--	5,074	139328	X
5/8/2021	--	5,026	139325	X
5/8/2021	--	4,995	139323	X
5/9/2021	--	4,857	139324	X
5/10/2021	--	4,926	139331	X
5/10/2021	--	4,993	139333	X
5/10/2021	--	4,993	139332	X
5/10/2021	--	4,832	139330	X
5/11/2021	--	5,062	139235	X
5/11/2021	--	4,842	139233	X
5/11/2021	--	4,966	139274	X
5/11/2021	--	5,072	139234	X
5/12/2021	--	5,082	139371	X
5/12/2021	--	5,022	139377	X
5/12/2021	--	4,175	139370	X
5/12/2021	--	4,899	139367	X
5/14/2021	--	5,125	139393	X
5/14/2021	--	5,125	139394	X
5/15/2021	--	5,019	138935	X
5/15/2021	--	5,125	138936	X
5/16/2021	--	5,125	138937	X
5/17/2021	--	5,125	138940	X
5/17/2021	--	5,076	138923	X
5/17/2021	--	5,125	138924	X
5/17/2021	--	5,076	138925	X
5/17/2021	--	5,019	138932	X
5/18/2021	--	5,019	138934	X
5/18/2021	--	5,076	138958	X
5/18/2021	--	5,019	138931	X
5/18/2021	--	5,076	138957	X
5/18/2021	--	5,125	138960	X
5/18/2021	--	5,125	138959	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

5/19/2021	--	5,125	138979	X
5/19/2021	--	5,076	138978	X
5/19/2021	--	5,025	138980	X
5/19/2021	--	5,076	138977	X
5/20/2021	--	5,125	138996	X
5/20/2021	--	5,076	138993	X
5/20/2021	--	5,076	139000	X
5/20/2021	--	5,125	138995	X
5/21/2021	--	5,125	151861	X
5/21/2021	--	5,125	151863	X
5/21/2021	--	3,727	151874	X
5/21/2021	--	5,076	151862	X
5/21/2021	--	5,019	151875	X
5/21/2021	--	5,076	138994	X
5/22/2021	--	4,800	139413	X
5/22/2021	--	5,076	151879	X
5/22/2021	--	5,010	151880	X
5/22/2021	--	5,019	151883	X
5/23/2021	--	5,019	151882	X
5/24/2021	--	5,019	151886	X
5/24/2021	--	5,076	139410	X
5/24/2021	--	5,076	151885	X
5/24/2021	--	4,570	139411	X
5/24/2021	--	5,010	151884	X
5/25/2021	--	5,076	139424	X
5/25/2021	--	5,125	151881	X
5/25/2021	--	5,076	139454	X
5/25/2021	--	5,125	139425	X
5/27/2021	--	5,125	139437	X
5/27/2021	--	5,076	139439	X
5/28/2021	--	5,125	139436	X
5/28/2021	--	5,076	139465	X
5/28/2021	--	5,125	139464	X
5/28/2021	--	5,076	139438	X
5/29/2021	--	5,082	139474	X
5/29/2021	--	5,000	139479	X
5/29/2021	--	5,000	139476	X
5/29/2021	--	5,082	139477	X
5/30/2021	--	5,125	139481	X
5/30/2021	--	4,799	139480	X
5/31/2021	--	5,125	139482	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

5/31/2021	--	5,125	139483	X
5/31/2021	--	5,076	139486	X
5/31/2021	--	5,125	139431	X
5/31/2021	--	5,124	139430	X
6/1/2021	--	5,125	139429	X
6/1/2021	--	5,076	139487	X
6/1/2021	--	5,076	139489	X
6/1/2021	--	4,355	139488	X
6/2/2021	--	5,076	139533	X
6/2/2021	--	5,125	139508	X
6/2/2021	--	5,076	139507	X
6/2/2021	--	4,870	139534	X
6/3/2021	--	5,125	139518	X
6/3/2021	--	4,863	139516	X
6/3/2021	--	5,125	139521	X
6/3/2021	--	5,076	139519	X
6/4/2021	--	5,076	139504	X
6/4/2021	--	3,973	139501	X
6/4/2021	--	5,076	139503	X
6/4/2021	--	5,125	139502	X
6/5/2021	--	5,125	139550	X
6/5/2021	--	5,010	139553	X
6/5/2021	--	4,863	139549	X
6/5/2021	--	5,125	139551	X
6/6/2021	--	5,019	139548	X
6/6/2021	--	5,019	139547	X
6/7/2021	--	5,076	139543	X
6/7/2021	--	5,125	139541	X
6/7/2021	--	5,076	139562	X
6/7/2021	--	5,125	139542	X
6/8/2021	--	5,076	139579	X
6/8/2021	--	5,125	139577	X
6/8/2021	--	5,125	139576	X
6/8/2021	--	5,076	139578	X
6/10/2021	--	5,076	139825	X
6/10/2021	--	4,725	139824	X
6/10/2021	--	5,125	139823	X
6/11/2021	--	5,076	139627	X
6/11/2021	--	5,076	139628	X
6/11/2021	--	5,125	139822	X
6/11/2021	--	5,125	139900	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

6/12/2021	--	5,010	139896	X
6/12/2021	--	5,000	139893	X
6/12/2021	--	5,076	139898	X
6/12/2021	--	5,000	139895	X
6/13/2021	--	5,124	139891	X
6/13/2021	--	5,125	139892	X
6/14/2021	--	5,076	139884	X
6/14/2021	--	5,125	139881	X
6/14/2021	--	5,076	139882	X
6/14/2021	--	5,100	139897	X
6/14/2021	--	4,775	139814	X
6/15/2021	--	5,076	139809	X
6/15/2021	--	5,125	139646	X
6/15/2021	--	4,526	139644	X
6/16/2021	--	5,125	139640	X
6/16/2021	--	5,076	139638	X
6/16/2021	--	5,125	139641	X
6/17/2021	--	5,125	139613	X
6/17/2021	--	5,076	139807	X
6/17/2021	--	5,125	139621	X
6/17/2021	--	5,076	139808	X
6/18/2021	--	5,076	139639	X
6/18/2021	--	5,125	139688	X
6/18/2021	--	4,600	139689	X
6/18/2021	--	5,076	139690	X
6/19/2021	--	5,125	139710	X
6/19/2021	--	4,411	139679	X
6/19/2021	--	5,000	139681	X
6/20/2021	--	5,019	139709	X
6/20/2021	--	5,019	139708	X
6/21/2021	--	5,076	139707	X
6/21/2021	--	5,125	139705	X
6/21/2021	--	5,200	139706	X
6/22/2021	--	5,076	139727	X
6/22/2021	--	5,125	139726	X
6/22/2021	--	5,125	139729	X
6/22/2021	--	5,076	139724	X
6/23/2021	--	5,076	139787	X
6/23/2021	--	5,125	139789	X
6/23/2021	--	5,076	139788	X
6/23/2021	--	5,125	139790	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

6/24/2021	--	5,125	139802	X
6/24/2021	--	5,076	139800	X
6/24/2021	--	5,125	139803	X
6/24/2021	--	5,076	139801	X
6/25/2021	--	5,125	138380	X
6/25/2021	--	5,076	138379	X
6/25/2021	--	5,125	138381	X
6/25/2021	--	5,076	138378	X
6/25/2021	--	5,125	138385	X
6/26/2021	--	5,000	138391	X
6/26/2021	--	5,076	138390	X
6/26/2021	--	5,000	138393	X
6/26/2021	--	5,000	138392	X
6/27/2021	--	5,125	138395	X
6/27/2021	--	5,125	138396	X
6/28/2021	--	5,076	139806	X
6/28/2021	--	5,076	138366	X
6/28/2021	--	5,125	138365	X
6/28/2021	--	5,125	138364	X
6/28/2021	--	5,000	138394	X
6/29/2021	--	5,125	138324	X
6/29/2021	--	5,076	138322	X
6/29/2021	--	5,200	138323	X
6/29/2021	--	5,125	138325	X
6/30/2021	--	5,125	138341	X
6/30/2021	--	5,076	138339	X
6/30/2021	--	5,076	138340	X
6/30/2021	--	5,125	138342	X
7/2/2021	--	5,076	138331	X
7/2/2021	--	5,125	139784	X
7/2/2021	--	5,200	138332	X
7/3/2021	--	5,120	138244	X
7/3/2021	--	5,125	138247	X
7/3/2021	--	5,120	138242	X
7/4/2021	--	5,125	138240	X
7/4/2021	--	5,125	138243	X
7/5/2021	--	5,076	138239	X
7/5/2021	--	5,125	138236	X
7/5/2021	--	5,000	138237	X
7/5/2021	--	5,125	138238	X
7/5/2021	--	5,076	138241	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

7/6/2021	--	5,125	138235	X
7/6/2021	--	5,076	138234	X
7/6/2021	--	5,076	138203	X
7/6/2021	--	5,125	138233	X
7/7/2021	--	5,076	138205	X
7/7/2021	--	5,125	138207	X
7/7/2021	--	4,900	138204	X
7/7/2021	--	4,725	138206	X
7/8/2021	--	5,125	138219	X
7/8/2021	--	5,125	138222	X
7/8/2021	--	5,125	138217	X
7/8/2021	--	5,125	138218	X
7/9/2021	--	5,125	138224	X
7/9/2021	--	5,076	138229	X
7/9/2021	--	5,125	138228	X
7/9/2021	--	4,960	138198	X
7/10/2021	--	5,125	138133	X
7/10/2021	--	5,125	138118	X
7/10/2021	--	5,000	138134	X
7/10/2021	--	5,125	138132	X
7/11/2021	--	5,124	138136	X
7/11/2021	--	5,125	138135	X
7/12/2021	--	5,125	138148	X
7/12/2021	--	5,019	138147	X
7/12/2021	--	5,125	138146	X
7/12/2021	--	5,019	138149	X
7/13/2021	--	5,125	138129	X
7/13/2021	--	5,076	138126	X
7/13/2021	--	5,125	138130	X
7/13/2021	--	5,076	138113	X
7/15/2021	--	5,125	138054	X
7/15/2021	--	5,076	138091	X
7/15/2021	--	5,125	138053	X
7/16/2021	--	5,125	138041	X
7/16/2021	--	5,124	138038	X
7/16/2021	--	5,125	138042	X
7/16/2021	--	5,124	138040	X
7/17/2021	--	5,125	138044	X
7/17/2021	--	5,100	138045	X
7/17/2021	--	5,125	138043	X
7/17/2021	--	5,125	138046	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

7/18/2021	--	5,000	138048	X
7/18/2021	--	5,019	138047	X
7/18/2021	--	5,125	138049	X
7/19/2021	--	5,000	137995	X
7/19/2021	--	5,125	138028	X
7/19/2021	--	5,125	137990	X
7/19/2021	--	5,125	138009	X
7/19/2021	--	5,125	138010	X
7/20/2021	--	5,125	137987	X
7/20/2021	--	5,076	138007	X
7/20/2021	--	5,125	138000	X
7/20/2021	--	5,125	137998	X
7/20/2021	--	5,000	137968	X
7/21/2021	--	5,125	137969	X
7/21/2021	--	5,076	137967	X
7/21/2021	--	5,125	137971	X
7/21/2021	--	5,076	137970	X
7/22/2021	--	5,076	137920	X
7/22/2021	--	5,125	137922	X
7/22/2021	--	5,125	137927	X
7/22/2021	--	5,076	137923	X
7/22/2021	--	5,125	137925	X
7/22/2021	--	5,125	137926	X
7/23/2021	--	5,076	137957	X
7/23/2021	--	5,125	138900	X
7/23/2021	--	5,076	137954	X
7/23/2021	--	5,125	137956	X
7/24/2021	--	5,125	138888	X
7/24/2021	--	5,076	138890	X
7/24/2021	--	5,125	138887	X
7/24/2021	--	5,125	138889	X
7/24/2021	--	5,076	138891	X
7/25/2021	--	5,010	138868	X
7/25/2021	--	5,124	138885	X
7/25/2021	--	5,124	138886	X
7/25/2021	--	5,000	138871	X
7/26/2021	--	5,076	138870	X
7/26/2021	--	5,125	138872	X
7/26/2021	--	5,076	138873	X
7/26/2021	--	5,125	138875	X
7/27/2021	--	5,125	138846	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

7/27/2021	--	5,076	138848	X
7/27/2021	--	5,125	138849	X
7/27/2021	--	5,076	138850	X
7/28/2021	--	5,125	138820	X
7/28/2021	--	5,076	138816	X
7/29/2021	--	5,125	138832	X
7/29/2021	--	5,076	138830	X
7/29/2021	--	5,076	138833	X
7/29/2021	--	5,125	138835	X
7/30/2021	--	5,076	138721	X
7/30/2021	--	5,125	138723	X
7/30/2021	--	5,125	138729	X
7/30/2021	--	5,076	138722	X
7/31/2021	--	5,000	138691	X
7/31/2021	--	5,076	138689	X
7/31/2021	--	5,125	138690	X
7/31/2021	--	5,000	138688	X
7/31/2021	--	5,076	138686	X
8/1/2021	--	5,019	138692	X
8/1/2021	--	5,125	138693	X
8/1/2021	--	5,124	138699	X
8/2/2021	--	5,125	138694	X
8/2/2021	--	5,076	138697	X
8/2/2021	--	5,019	138696	X
8/2/2021	--	5,125	138703	X
8/2/2021	--	5,076	138700	X
8/2/2021	--	5,019	138702	X
8/3/2021	--	5,076	138737	X
8/3/2021	--	5,125	138740	X
8/3/2021	--	5,125	138648	X
8/3/2021	--	5,076	138738	X
8/3/2021	--	5,125	138649	X
8/3/2021	--	5,125	138651	X
8/4/2021	--	5,076	138665	X
8/4/2021	--	5,125	138660	X
8/4/2021	--	5,125	138661	X
8/4/2021	--	5,076	138658	X
8/4/2021	--	5,125	138663	X
8/4/2021	--	5,125	138662	X
8/5/2021	--	5,076	138590	X
8/5/2021	--	5,000	138587	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

8/5/2021	--	5,125	138585	X
8/5/2021	--	5,076	138589	X
8/5/2021	--	5,000	138584	X
8/5/2021	--	5,125	138582	X
8/6/2021	--	5,076	138677	X
8/6/2021	--	5,125	138675	X
8/6/2021	--	5,125	138670	X
8/6/2021	--	5,076	138674	X
8/6/2021	--	5,125	138673	X
8/7/2021	--	4,900	138569	X
8/7/2021	--	5,125	138565	X
8/7/2021	--	5,000	138567	X
8/7/2021	--	5,076	138570	X
8/8/2021	--	5,125	138573	X
8/8/2021	--	5,125	138574	X
8/8/2021	--	5,125	138571	X
8/9/2021	--	5,125	138532	X
8/9/2021	--	5,076	138557	X
8/9/2021	--	5,125	138559	X
8/9/2021	--	5,076	138560	X
8/9/2021	--	4,850	138562	X
8/10/2021	--	5,125	138546	X
8/11/2021	--	5,125	138470	X
8/11/2021	--	5,125	138462	X
8/12/2021	--	5,076	138474	X
8/12/2021	--	5,125	138493	X
8/12/2021	--	5,076	138475	X
8/12/2021	--	5,125	138492	X
8/13/2021	--	5,076	138407	X
8/13/2021	--	5,125	138472	X
8/13/2021	--	5,076	138408	X
8/13/2021	--	5,125	138473	X
8/14/2021	--	5,000	138419	X
8/14/2021	--	5,076	138418	X
8/14/2021	--	5,125	138422	X
8/14/2021	--	5,000	138423	X
8/15/2021	--	5,125	138421	X
8/15/2021	--	5,125	138410	X
8/15/2021	--	5,124	138420	X
8/15/2021	--	5,124	138409	X
8/16/2021	--	5,125	138435	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

8/16/2021	--	5,125	138437	X
8/16/2021	--	5,000	138440	X
8/16/2021	--	5,125	138436	X
8/16/2021	--	5,125	138438	X
8/16/2021	--	4,570	138439	X
8/17/2021	--	5,076	138444	X
8/17/2021	--	5,125	138548	X
8/17/2021	--	5,125	138446	X
8/17/2021	--	5,076	138445	X
8/18/2021	--	5,125	221090	X
8/18/2021	--	5,076	221085	X
8/18/2021	--	5,125	221087	X
8/18/2021	--	5,076	138424	X
8/19/2021	--	5,000	221388	X
8/19/2021	--	5,076	221092	X
8/19/2021	--	5,125	221094	X
8/19/2021	--	5,076	221093	X
8/19/2021	--	5,125	221386	X
8/20/2021	--	5,076	221392	X
8/20/2021	--	5,125	221394	X
8/20/2021	--	5,125	221395	X
8/20/2021	--	5,076	221492	X
8/20/2021	--	5,125	221493	X
8/21/2021	--	5,000	221521	X
8/21/2021	--	5,125	221519	X
8/21/2021	--	5,000	221522	X
8/21/2021	--	5,125	221523	X
8/22/2021	--	5,076	221527	X
8/22/2021	--	5,125	221531	X
8/22/2021	--	5,076	222244	X
8/22/2021	--	5,125	222245	X
8/23/2021	--	5,076	221863	X
8/23/2021	--	5,125	50221864	X
8/23/2021	--	5,125	56222025	X
8/23/2021	--	5,125	50222024	X
8/23/2021	--	5,076	221867	X
8/23/2021	--	5,125	50221866	X
8/24/2021	--	5,076	221895	X
8/24/2021	--	5,125	222414	X
8/24/2021	--	5,125	221899	X
8/24/2021	--	5,076	221896	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

8/24/2021	--	5,125	222412	X
8/24/2021	--	5,125	221898	X
8/25/2021	--	5,125	221904	X
8/25/2021	--	5,125	221902	X
8/25/2021	--	5,125	221903	X
8/25/2021	--	5,125	221900	X
8/27/2021	--	5,000	222194	X
8/27/2021	--	5,125	222193	X
8/27/2021	--	5,125	222191	X
8/27/2021	--	5,076	222188	X
8/28/2021	--	5,125	222198	X
8/28/2021	--	5,125	222200	X
8/28/2021	--	5,125	222204	X
8/28/2021	--	5,125	222199	X
8/28/2021	--	5,020	222912	X
8/29/2021	--	5,000	222211	X
8/29/2021	--	5,000	222214	X
8/29/2021	--	5,000	223793	X
8/29/2021	--	5,000	22239792	X
8/29/2021	--	5,000	222917	X
8/29/2021	--	5,125	223815	X
8/30/2021	--	5,125	224025	X
8/30/2021	--	5,125	224026	X
8/30/2021	--	5,076	224027	X
8/30/2021	--	5,125	222914	X
8/30/2021	--	5,125	222901	X
8/30/2021	--	5,076	223848	X
8/31/2021	--	5,076	223127	X
8/31/2021	--	5,125	223134	X
8/31/2021	--	5,076	223132	X
8/31/2021	--	5,125	223135	X
8/31/2021	--	5,000	224042	X
8/31/2021	--	5,000	223165	X
9/1/2021	34	5,125	140425	X
9/1/2021	60	5,125	140423	X
9/1/2021	18	5,076	140421	X
9/1/2021	--	5,125	140422	X
9/1/2021	18	5,076	140420	X
9/2/2021	34	5,125	140436	X
9/2/2021	--	5,012	140434	X
9/2/2021	18	5,076	140433	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

9/2/2021	34	5,125	140437	X
9/2/2021	--	5,125	140435	X
9/2/2021	18	5,076	140432	X
9/3/2021	34	5,125	140442	X
9/3/2021	--	5,125	140440	X
9/3/2021	18	5,076	140438	X
9/3/2021	18	5,125	140441	X
9/3/2021	--	5,125	140443	X
9/3/2021	34	5,125	140445	X
9/4/2021	18	5,125	140401	X
9/4/2021	--	5,120	140457	X
9/4/2021	18	5,125	140405	X
9/4/2021	--	5,125	140403	X
9/5/2021	60	5,125	140455	X
9/5/2021	60	5,125	140404	X
9/5/2021	33	5,124	140407	X
9/5/2021	33	5,124	140406	X
9/6/2021	34	5,125	140551	X
9/6/2021	18	5,125	140458	X
9/6/2021	60	5,125	140553	X
9/6/2021	34	5,125	140552	X
9/6/2021	18	5,125	140461	X
9/6/2021	60	5,125	140554	X
9/7/2021	18	5,076	140413	X
9/7/2021	60	5,125	140415	X
9/7/2021	34	5,125	140418	X
9/7/2021	18	5,076	140412	X
9/7/2021	60	5,125	140414	X
9/8/2021	18	4,800	140540	X
9/8/2021	60	5,125	140576	X
9/8/2021	18	5,125	140541	X
9/8/2021	34	5,125	140573	X
9/8/2021	60	5,125	140542	X
9/9/2021	--	5,125	140563	X
9/9/2021	18	5,125	140565	X
9/9/2021	34	5,125	140568	X
9/9/2021	60	5,125	140564	X
9/9/2021	18	5,125	140562	X
9/10/2021	18	5,076	140556	X
9/10/2021	--	4,910	140578	X
9/10/2021	34	5,125	140582	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

9/10/2021	18	5,076	140555	X
9/10/2021	60	5,125	140579	X
9/11/2021	34	5,125	140604	X
9/11/2021	60	5,125	140602	X
9/11/2021	34	5,125	140605	X
9/11/2021	60	5,000	140603	X
9/12/2021	18	5,076	140625	X
9/12/2021	--	5,000	140606	X
9/12/2021	18	5,076	140622	X
9/12/2021	--	5,125	140624	X
9/13/2021	--	5,125	140614	X
9/13/2021	34	5,125	140621	X
9/13/2021	60	5,125	140615	X
9/13/2021	18	5,076	140613	X
9/13/2021	18	5,076	140612	X
9/13/2021	34	5,125	140623	X
9/14/2021	--	5,125	140720	X
9/14/2021	18	5,076	140580	X
9/14/2021	18	5,076	140719	X
9/14/2021	34	5,125	140722	X
9/14/2021	--	5,125	140721	X
9/14/2021	34	4,200	140723	X
9/15/2021	18	5,076	140729	X
9/15/2021	--	5,125	140731	X
9/15/2021	34	5,125	140763	X
9/15/2021	--	5,125	140730	X
9/17/2021	34	5,125	140769	X
9/17/2021	34	5,125	140768	X
9/17/2021	--	4,850	140767	X
9/17/2021	--	5,125	140597	X
9/18/2021	34	5,125	140772	X
9/18/2021	--	5,125	140775	X
9/18/2021	34	5,125	140770	X
9/18/2021	--	5,125	140773	X
9/19/2021	34	5,124	140778	X
9/19/2021	60	5,125	140776	X
9/19/2021	60	5,125	140743	X
9/19/2021	34	5,124	140779	X
9/20/2021	34	5,125	140793	X
9/20/2021	--	5,125	140790	X
9/20/2021	18	5,076	140784	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

9/20/2021	34	5,125	140791	X
9/20/2021	--	5,125	140788	X
9/20/2021	18	5,076	140783	X
9/21/2021	34	5,125	140808	X
9/21/2021	--	5,125	140805	X
9/21/2021	18	5,076	140807	X
9/21/2021	18	5,076	140806	X
9/21/2021	--	5,125	140809	X
9/21/2021	34	5,125	140811	X
9/22/2021	60	5,125	140830	X
9/22/2021	18	5,076	140826	X
9/22/2021	34	5,125	140832	X
9/22/2021	18	5,076	140831	X
9/22/2021	60	5,125	140833	X
9/24/2021	--	5,125	140869	X
9/24/2021	18	5,076	140862	X
9/24/2021	18	5,076	140867	X
9/24/2021	--	5,125	140868	X
9/25/2021	60	5,125	140881	X
9/25/2021	33	5,000	140883	X
9/25/2021	60	5,125	140900	X
9/25/2021	33	5,000	140880	X
9/26/2021	60	5,125	140898	X
9/26/2021	18	5,076	140899	X
9/26/2021	60	5,125	140871	X
9/26/2021	18	5,076	140897	X
9/27/2021	18	5,076	140884	X
9/27/2021	60	5,125	140886	X
9/27/2021	--	5,000	140888	X
9/27/2021	--	5,125	140890	X
9/27/2021	18	5,076	140887	X
9/27/2021	60	5,125	140889	X
9/28/2021	34	5,125	139920	X
9/28/2021	18	5,076	139922	X
9/28/2021	60	5,125	140870	X
9/28/2021	60	5,125	139924	X
9/28/2021	34	5,125	139921	X
9/28/2021	18	5,125	139923	X
9/29/2021	18	5,076	139967	X
9/29/2021	60	5,125	139965	X
9/29/2021	34	5,125	139963	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

9/29/2021	34	5,125	139962	X
9/29/2021	18	4,700	139966	X
9/29/2021	60	5,125	139964	X
9/30/2021	34	5,125	139946	X
9/30/2021	60	5,125	139948	X
9/30/2021	18	5,076	139950	X
9/30/2021	34	5,125	139947	X
9/30/2021	60	5,125	139949	X
9/30/2021	18	5,076	139951	X
10/1/2021	60	5,125	139992	
10/1/2021	18	5,076	139973	
10/1/2021	34	5,125	139996	
10/1/2021	60	5,125	139991	
10/1/2021	18	5,076	139972	
10/1/2021	34	5,125	139993	
10/2/2021	34	5,125	140025	
10/2/2021	--	5,125	140026	
10/2/2021	--	5,125	140028	
10/2/2021	34	5,125	140027	
10/3/2021	34	5,125	140032	
10/3/2021	60	5,125	140031	
10/3/2021	34	5,125	140030	
10/3/2021	60	5,125	140029	
10/4/2021	60	5,125	139999	
10/4/2021	34	5,125	140019	
10/4/2021	60	5,125	140005	
10/4/2021	18	5,125	139998	
10/4/2021	18	5,125	140037	
10/4/2021	34	5,125	140036	
10/5/2021	18	5,125	140010	
10/5/2021	60	5,125	140011	
10/5/2021	34	5,125	140007	
10/5/2021	18	5,125	140008	
10/5/2021	60	5,125	140009	
10/5/2021	34	5,125	140006	
10/6/2021	34	5,125	140072	
10/6/2021	60	5,125	140062	
10/6/2021	18	5,125	140074	
10/6/2021	34	5,125	140071	
10/6/2021	17	5,125	140061	
10/7/2021	18	5,076	140048	

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

10/7/2021	34	5,125	140044	
10/7/2021	18	5,125	140047	
10/7/2021	60	5,125	140046	
10/7/2021	60	5,125	140045	
10/8/2021	18	5,135	140170	
10/8/2021	34	5,125	140166	
10/8/2021	60	5,125	140167	
10/8/2021	33	5,135	140169	
10/8/2021	60	5,125	140168	
10/9/2021	33	5,000	140160	
10/9/2021	34	5,125	140158	
10/9/2021	33	5,000	140161	
10/9/2021	34	5,125	140159	
10/10/2021	60	5,124	140155	
10/10/2021	60	5,124	140154	
10/10/2021	18	5,125	140156	
10/10/2021	18	4,700	140157	
10/11/2021	34	5,125	140179	
10/11/2021	60	5,125	140181	
10/11/2021	18	5,125	140182	
10/11/2021	34	5,125	140180	
10/11/2021	60	5,125	140183	
10/11/2021	18	5,125	140153	
10/12/2021	18	4,800	140197	
10/12/2021	34	5,125	140201	
10/12/2021	60	5,125	140203	
10/12/2021	18	5,125	140199	
10/13/2021	60	5,125	140218	
10/13/2021	18	5,125	140224	
10/13/2021	34	5,125	140221	
10/13/2021	60	5,125	140223	
10/14/2021	34	5,125	140192	
10/14/2021	60	5,125	140194	
10/14/2021	34	5,125	140190	
10/14/2021	60	5,125	140214	
10/15/2021	34	5,125	140239	
10/15/2021	60	5,125	140235	
10/15/2021	34	5,125	140261	
10/15/2021	60	5,125	140237	
10/15/2021	60	5,125	140240	
10/16/2021	60	5,000	140355	

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

10/16/2021	33	4,800	140354	
10/16/2021	60	5,000	140356	
10/17/2021	60	5,125	140351	
10/17/2021	34	5,125	140350	
10/17/2021	60	5,125	140352	
10/17/2021	34	5,125	140349	
10/18/2021	34	5,125	140340	
10/18/2021	60	5,125	140343	
10/18/2021	34	5,125	140338	
10/18/2021	60	5,125	140342	
10/18/2021	34	5,125	140336	
10/19/2021	60	5,125	140319	
10/19/2021	34	5,125	140357	
10/19/2021	60	5,015	140318	
10/19/2021	34	5,125	140383	
10/20/2021	60	5,125	140370	
10/20/2021	18	5,125	140375	
10/20/2021	18	5,125	140372	
10/20/2021	60	5,125	140368	
10/21/2021	18	5,125	140399	
10/21/2021	18	4,500	141423	
10/21/2021	60	5,125	141403	
10/21/2021	18	5,076	141402	
10/21/2021	60	5,125	140393	
10/22/2021	60	5,125	141431	
10/22/2021	18	5,076	141430	
10/22/2021	60	5,125	141433	
10/22/2021	18	5,076	141407	
10/23/2021	33	4,700	141468	
10/23/2021	34	5,125	141469	
10/23/2021	33	5,000	141471	
10/23/2021	34	5,125	141470	
10/24/2021	34	5,124	141466	
10/24/2021	18	5,125	141465	
10/24/2021	34	5,124	141467	
10/24/2021	18	5,125	141464	
10/25/2021	18	4,500	141452	
10/25/2021	60	5,125	141453	
10/25/2021	60	5,125	140397	
10/25/2021	18	5,125	140215	
10/26/2021	60	5,125	141455	

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - October 31, 2021)

Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

10/26/2021	60	5,125	141444	
10/26/2021	18	4,500	141443	
10/26/2021	18	5,076	141442	
10/28/2021	18	5,125	140367	
10/29/2021	60	5,125	140921	
10/29/2021	18	5,125	140919	
10/29/2021	18	5,125	140920	
10/29/2021	18	5,125	141439	
10/29/2021	60	5,125	140923	
10/29/2021	60	5,125	140924	
10/30/2021	34	5,125	140927	
10/30/2021	33	5,125	140926	
10/30/2021	34	5,125	140928	
10/30/2021	33	5,000	140925	
10/31/2021	33	5,125	141576	
10/31/2021	60	5,125	141575	
10/31/2021	33	5,125	141577	
10/31/2021	60	5,125	140929	
Total		**3,818,279**		

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO229983

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 139992

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # CA1
Emergency Response Guide Onboa
Site arrival time 6:40
Site departure time 7:55
www.covanta.com

INT'L

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 1 Year 21

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month 10 Day 1 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name:
Signature:
Month 10 Day 1 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SQ229980

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 139973

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5076	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boar
Site arrival time 2:30 AM
Site departure time 5:40
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Adam Harris
Signature
Month 10 Day 1 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 1 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Halina Davis
Signature
Month 10 Day 1 Year 21

COVANTA
Environmental Solutions

SO229990

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 139996

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5175	G	PLACARD? YES ☐ None NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 34
Emergency Response Guide On-board
Site arrival time 0810
Site departure time 0910
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 01 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie Merrell
Signature:
Month 10 Day 01 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 1 Year 21

COVANTA
Environmental Solutions

SO229986

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 139991

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-board
Site arrival time 11:30
Site departure time 1:00
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature
Month 10 Day 1 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature
Month 10 Day 1 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Halina Davis
Signature
Month 10 Day 1 Year 21

COVANTA
Environmental Solutions

RD - 40
TR - 18

SO229981

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 139972

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5076	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide on board
Site arrival time 12:00
Site departure time 1:50
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 1 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature:
Month 10 Day 1 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 1 Year 21

COVANTA
Environmental Solutions

SO229987

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 139993

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G	PLACARD? YES None NO
	2.					PLACARD? YES NO
	3.					PLACARD? YES NO
	4.					PLACARD? YES NO

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #34
Emergency Response Guide On-board
Site arrival time 1215
Site departure time 1430
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Officer's Printed/Typed Name: Adam Harris
Signature:
Month 10 Day 01 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie Mowell
Signature:
Month 10 Day 01 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sheryce Vaughan
Signature: Sheryce Vaughn
Month 10 Day 1 Year 21

COVANTA
Environmental Solutions

SO229991

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140025

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 34
Emergency Response Guide On-bo
Site arrival time 0645
Site departure time 0800
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature
Month 10 Day 02 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie Meneze
Signature
Month 10 Day 02 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature
Month 10 Day 2 Year 21

COVANTA
Environmental Solutions

RD 42
TR 33

SO229993

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140026

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5,125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #:
Emergency Response Guide Or-bo
Site arrival time
Site departure time
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 2 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jose Henriquez
Signature:
Month 10 Day 02 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Karline Davis
Signature:
Month 10 Day 2 Year 21

COVANTA
Environmental Solutions

RD 42
TR 33

SO229997

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140028

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5,125	6	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #_____
Emergency Response Guide On-boa
Site arrival time _____
Site departure time _____
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 2 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jose Henriquez
Signature:
Month 10 Day 2 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 2 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO229995

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140027

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Truck # 39
Trailer # 34
Emergency Response Guide On-bo
Site arrival time 1250
Site departure time 1335
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Deric Reaper		10	02	21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Jamie Newell		10	02	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Katina Davis		10	2	21

COVANTA
Environmental Solutions

SO232698

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG	1	(800) 814-1204	CES 140032

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT		5125g	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR34
Emergency Response Guide On-bo
Site arrival time 1230
Site departure time 100
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline / Kim Moyer for Adam Harris
Signature: K. L. Moyer
Month 10 Day 3 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CORBY TUCKER
Signature:
Month 10 Day 3 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 3 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO232697

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140031

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☒ None
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boa
Site arrival time 11:45
Site departure time 12:0
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Colonial Pipeline Co. Tim Moyer for Adam Harris	T. L. Moyer	10	3	21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Bobby Jarrett	Bobby Jarrett	10	3	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper) Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Kaline Davis		10	3	21

COVANTA
Environmental Solutions

SO230000

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number: NCVSQG
2. Page 1 of: 1
3. Emergency Response Phone: (800) 814-1204
4. Tracking Number: CES 140030

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125g	5125g	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #: TR34
Emergency Response Guide On-bo
Site arrival time 700
Site departure time 850
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline / Tim Mayer For Adam Harris CPL
Signature: T. L Moye
Month 10 Day 3 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CORBY TUCKER
Signature: C T.
Month 10 Day 3 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 3 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO229999

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140029

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-bo
Site arrival time 6:40
Site departure time 8:00
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Colonial Pipeline/Tim Mayer for Adam Harris	J.J. Moye	10	3	21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Bobby Jarrett	Bobby Jarrett	10	3	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper) Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Kaline Davis		10	3	21

COVANTA
Environmental Solutions

SO231722

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 139999

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5135	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #: 60
Emergency Response Guide On-boa
Site arrival time 0730
Site departure time 8140
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Desic Reapes — Signature — Month 10 Day 4 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby James — Signature — Month 10 Day 4 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis — Signature — Month 10 Day 4 Year 21

COVANTA
Environmental Solutions

SO231716

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140019

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Truck #37
Trailer # 34
Emergency Response Guide On-boa
Site arrival time 0755
Site departure time 0905
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 04 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie Mabe
Signature:
Month 10 Day 04 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 4 Year 21

COVANTA
Environmental Solutions

SO231715

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140005

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone: — U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-bo
Site arrival time 12:20
Site departure time 13:45
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature — Month 10 Day 4 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett — Signature — Month 10 Day 4 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Katina Davis — Signature — Month 10 Day 4 Year 21

COVANTA
Environmental Solutions

RD-40
SO231719 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 139998

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boa
Site arrival time 2:30 PM
Site departure time 8:00 AM
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature
Month 10 Day 4 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 4 Year 21

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature
Month 6 Day 4 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO231714

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140037

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide Or-boa
Site arrival time 11:20 AM
Site departure time 11:50
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 4 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature:
Month 10 Day 4 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Nalina Davis
Signature:
Month 10 Day 4 Year 21

COVANTA
Environmental Solutions

SO231727

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140036

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Truck #39
Trailer # 34
Emergency Response Guide On-bo
Site arrival time 1250
Site departure time 1510
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature: [signature] — Month 10 Day 04 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jamie Marcette — Signature: [signature] — Month 10 Day 04 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis — Signature: [signature] — Month 10 Day 4 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO231728

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140010

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5175	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide Gr-bo
Site arrival time 6:20A
Site departure time 8:10A
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 5 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 5 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 5 Year 21

COVANTA
Environmental Solutions

SO231729

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140011

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5725	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-bo
Site arrival time 6:15
Site departure time 8:30
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 5 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month 10 Day 5 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: KatineDavis
Signature:
Month 10 Day 5 Year 21

COVANTA
Environmental Solutions

SO231730

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140007

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Truck# 3934
Trailer #
Emergency Response Guide On-boa
Site arrival time 0733
Site departure time 0900
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature — Month 10 Day 05 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jamie McPeak — Signature — Month 10 Day 05 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis — Signature — Month 10 Day 5 Year 21

COVANTA
Environmental Solutions

RD-40
SO231732 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140008

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide Co-bo
Site arrival time 11:40
Site departure time 12:
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature: Deric
Month 10 Day 5 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 5 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 5 Year 21

COVANTA
Environmental Solutions

SO231734

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140009

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-bo
Site arrival time 12:20
Site departure time 12:35
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 5 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month 10 Day 5 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name:
Signature:
Month 10 Day 5 Year 21

COVANTA
Environmental Solutions

SO231735

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140006

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #34
Emergency Response Guide On-bo
Site arrival time 1250
Site departure time 1325
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature
Month 10 Day 05 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Danie Morrell
Signature
Month 10 Day 05 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katina Davis
Signature
Month 10 Day 5 Year 21

COVANTA
Environmental Solutions

SO231742

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140072

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5625	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

TT, 39, 34
Trailer #:
Emergency Response Guide On-board
Site arrival time 0650
Site departure time 0800
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 06 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie Marcel
Signature:
Month 10 Day 06 Year 22
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katina Davis
Signature:
Month 10 Day 06 Year 22

COVANTA
Environmental Solutions

SO231738

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140062

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #66
Emergency Response Guide On-board
Site arrival time 7:40
Site departure time 8:40
www.covanta.com

SHIPPER

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature: Deric Reaper
Month 10 Day 6 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature: Bobby Jarrett
Month 10 Day 6 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 6 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO231747

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140074

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-board
Site arrival time 7:40 AM
Site departure time 9:20 AM
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature: Deric Reaper
Month 10 Day 6 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 6 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Katina Davis
Signature:
Month 10 Day 6 Year 21

COVANTA
Environmental Solutions

SO231744

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140071

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	525	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

TR 39
Trailer #34
Emergency Response Guide On-board
Site arrival time 1135
Site departure time 1200
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 06 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Dane Merrell
Signature:
Month 10 Day 06 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katina Davis
Signature:
Month 10 Day 6 Year 21

COVANTA
Environmental Solutions

SO231741

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140061

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	500	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3. 38/17					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #: 17
Emergency Response Guide On-boar
Site arrival time 1115
Site departure time 1340
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 6 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month 10 Day 6 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: MalineDavis
Signature:
Month 10 Day 6 Year 21

COVANTA
Environmental Solutions

RD-40
SO231749 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140048

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5076	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide Onboard
Site arrival time 6:26 AM
Site departure time 8:30 AM
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 7 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature:
Month 10 Day 7 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 7 Year 21

COVANTA
Environmental Solutions

SO231756

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140044

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Truck #39
Trailer #27
Emergency Response Guide On-board
Site arrival time 08:00
Site departure time 9:35
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 07 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie Mabrey
Signature:
Month 10 Day 07 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 7 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO231750

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140047

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boar
Site arrival time 12:00 PM
Site departure time 13:30 PM
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 7 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 7 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kalina Davis
Signature:
Month 10 Day 7 Year 21

COVANTA
Environmental Solutions

SO231752

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140046

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5725	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boa
Site arrival time 6:40
Site departure time 9:20
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature: [signature] — Month 10 Day 7 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett — Signature: [signature] — Month 10 Day 7 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis — Signature: [signature] — Month 10 Day 7 Year 21

COVANTA
Environmental Solutions

SO231753

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140045

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3. 38/00					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 628
Emergency Response Guide On-boar
Site arrival time 1040
Site departure time 1300
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month: 10 Day: 7 Year: 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month: 10 Day: 7 Year: 21
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month: Day: Year:

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month: 10 Day: 7 Year: 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO231763

BILL OF LADING	1. Shipper ID Number: NCVSQG	2. Page 1 of	3. Emergency Response Phone: (800) 814-1204	4. Tracking Number: CES 140170

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5,135	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR 18
Emergency Response Guide On Board
Site arrival time 7:00 am
Site departure time 8:15
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reape
Signature: Deric Reape
Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jose Henriquez
Signature:
Month 10 Day 8 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: KalineDavis
Signature:
Month 10 Day 8 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO231769

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140166

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G	PLACARD? YES ☐ None ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

KS 39
Trailer # 34
Emergency Response Guide On-board
Site arrival time 0745
Site departure time 0825
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature
Month 10 Day 08 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jamie McDowell
Signature
Month 10 Day 08 Year 21

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis
Signature
Month 10 Day 8 Year 21

COVANTA
Environmental Solutions

SO231768

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140167

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5120	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boar
Site arrival time 11:45
Site departure time 12:05
www.covanta.com

INT'L

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 8 Year 21

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month 10 Day 8 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 8 Year 21

COVANTA
Environmental Solutions

SO231765

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140169

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5,135	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 33
Emergency Response Guide On-boar
Site arrival time 12:30
Site departure time 1:00
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 8 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jose Henriquez
Signature:
Month 10 Day 8 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katina Davis
Signature:
Month 10 Day 8 Year 21

COVANTA
Environmental Solutions

SO231766

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

BILL OF LADING	1. Shipper ID Number: NCVSQG	2. Page 1 of	3. Emergency Response Phone: (800) 814-1204	4. Tracking Number: CES 140168

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boar
Site arrival time 6:30
Site departure time 8:00
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month: 10 Day: 8 Year: 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature: Bobby Jarrett
Month: 10 Day: 8 Year: 21
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month: Day: Year:

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month: 10 Day: 8 Year: 21

COVANTA
Environmental Solutions

SO231786

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140160

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5000	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR33
Emergency Response Guide On-boar
Site arrival time 12:50
Site departure time 1:15
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature — Month 10 Day 9 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tim Klaus — Signature — Month 10 Day 9 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis — Signature — Month 10 Day 9 Year 21

COVANTA
Environmental Solutions

SO231775

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140158

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

PO 38
Trailer # 34
Emergency Response Guide On-boar
Site arrival time 1150
Site departure time 1215
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 09 Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie Martell
Signature:
Month 10 Day 09 Year 24
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 9 Year 21

COVANTA
Environmental Solutions

SO231791

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140161

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5000	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR33
Emergency Response Guide On-boar
Site arrival time 6:40
Site departure time 9:00
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Tim Klaus TK Deric Reaper	TK Driver	10	9	21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Tim Klaus		10	9	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Kaline Davis		10	9	21

COVANTA
Environmental Solutions

SO231778

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140159

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

RD 39
Trailer # 84
Emergency Response Guide On-board
Site arrival time 0645
Site departure time 0815
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 09 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Mike McNeil
Signature:
Month 10 Day 09 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 9 Year 21

COVANTA
Environmental Solutions

SO231794

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG	1	(800) 814-1204	CES 140155

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5124	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boar
Site arrival time 6:40
Site departure time 8:30
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 10 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: James Prather
Signature:
Month 10 Day 10 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 10 Year 21

COVANTA
Environmental Solutions

SO234269

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG	1	(800) 814-1204	CES 140154

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5124	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boa
Site arrival time 12:20
Site departure time 12:50
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 10 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: James Prather
Signature:
Month 10 Day 10 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 10 Year 21

COVANTA
Environmental Solutions

~~50234269~~ 50231792 RD-40 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140156

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-board
Site arrival time 11:40 AM
Site departure time 12:00
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 10 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 10 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 10 Year 21

COVANTA
Environmental Solutions

RD-40
SO231773 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140157

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	4700 ~~5195~~	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boar
Site arrival time 6:40 AM
Site departure time 7:50 AM
www.covanta.com

INT'L

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 10 Year 21

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature:
Month 10 Day 10 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 10 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO233537

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140179

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G	PLACARD? YES ☐ None NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

MD 39
Trailer # 34
Emergency Response Guide On-board
Site arrival time 1300
Site departure time 1530
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 11 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible]
Signature:
Month 10 Day 11 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katina Davis
Signature:
Month 10 Day 11 Year 21

COVANTA
Environmental Solutions

SO233541

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140181

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2. 38/68					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-board
Site arrival time 2:30
Site departure time 2:50
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature: Deric Reaper — Month 10 Day 11 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett — Signature: Bobby Jarrett — Month 10 Day 11 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis — Signature — Month 10 Day 11 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO233549

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140182

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boar
Site arrival time 11:40 AM
Site departure time 12:10
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature: Deric Reaper
Month 10 Day 11 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 11 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 11 Year 21

COVANTA
Environmental Solutions

SO233563

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140180

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

MO 5834
Trailer # 34
Emergency Response Guide On-boar
Site arrival time 0815
Site departure time 0915
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 11 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie McNeill
Signature:
Month 10 Day 11 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katina Davis
Signature:
Month 10 Day 11 Year 21

COVANTA
Environmental Solutions

SO233548

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140183

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On boa
Site arrival time 6:40
Site departure time 8:40
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 11 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature: Bobby Jarrett
Month 10 Day 11 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kalin Davis
Signature:
Month 10 Day 11 Year 21

COVANTA
Environmental Solutions

RD-40
SO233562 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140153

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boar
Site arrival time 6:40 AM
Site departure time 8:00 AM
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 11 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 11 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Valine Davis
Signature:
Month 10 Day 11 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO231743

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140197

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	4860	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boar
Site arrival time 12:50 PM
Site departure time 1:40 PM
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Colonial Pipeline / Tim Moyer for Adam Harris	T.J. Moy	10	12	21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Bill Johnston	Bill Johnston	10	12	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper) Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Shawn Terrell	Shawn Terrell	10	12	21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO227032

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140201

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5175	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

RO 39
Trailer # 34
Emergency Response Guide On-board
Site arrival time 0805
Site departure time 1015
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Desic Reaper
Signature:
Month 10 Day 12 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie Mowell
Signature:
Month 10 Day 12 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 12 Year 21

COVANTA
Environmental Solutions

SO233885

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140203

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions
U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number
NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3. 38/60					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-board
Site arrival time 0540
Site departure time 905
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature
Month 10 Day 12 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature
Month 10 Day 12 Year 21

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaine Davis
Signature
Month 10 Day 12 Year 14

COVANTA
Environmental Solutions

RD-40
SO231751 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140199

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boa
Site arrival time 10:30 AM
Site departure time 8:40
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 12 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 12 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 12 Year 21

COVANTA
Environmental Solutions

226023
SO227424

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140218

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ None ☐
	2. 38/00					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-board
11:00 Site arrival time 1145
11:45 Site departure time
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Colonial Pipeline/Tim Moyer for Adam Harris CPL	T.L. Moyer	10	13	21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Bobby James	Bobby James	10	13	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Sherry Ecrew	Sherry Ecrew	10	13	21

COVANTA
Environmental Solutions

SO227030

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG	1	(800) 814-1204	CES 140224

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125 G		PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 18
Emergency Response Guide On-boar
Site arrival time 6:50
Site departure time 9:55
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: James Prather
Signature:
Month 10 Day 13 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 13 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO228575

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140221

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions
U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number
NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? YES ☐ None ☑
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

1039
Trailer # 34
Emergency Response Guide On-boar
Site arrival time 0645
Site departure time 0700
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature
Month 10 Day 13 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie Mcneil
Signature
Month 10 Day 13 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature
Month 10 Day 13 Year 21

COVANTA
Environmental Solutions

~~SO 226023~~
SO 227424 ~~SO227411~~
~~SO227424~~

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140223

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boar
Site arrival time 6:40
Site departure time 8:20
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Desic Reaper
Signature:
Month 10 Day 13 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarnett
Signature:
Month 10 Day 13 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Farren
Signature:
Month 10 Day 13 Year 21

COVANTA
Environmental Solutions

SO223190

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140192

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

SHIPPER

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

1039
Trailer # 34
Emergency Response Guide On-boar
Site arrival time 0645
Site departure time 0830
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature — Month 10 Day 14 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name — Signature — Month 10 Day 14 Year 20
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Terrell — Signature — Month 10 Day 14 Year 21

COVANTA
Environmental Solutions

SO225584

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140194

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	525	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #603
Emergency Response Guide On-boa
Site arrival time 11:10
Site departure time 11:45
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Colonial Pipeline/Jim Mayer for Adam Harris	J. L. Moy	10	14	21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Bobby Jarrett	Bobby Jarrett	10	14	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Kaline Davis	Kaline Davis	10	14	21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO223186

BILL OF LADING	1. Shipper ID Number: NCVSQG	2. Page 1 of	3. Emergency Response Phone: (800) 814-1204	4. Tracking Number: CES 140190

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

KD39
Trailer #34
Emergency Response Guide On-boar
Site arrival time 1215
Site departure time 1245
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 14 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie McNeill
Signature:
Month 10 Day 14 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 14 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO225585

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140214

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 68
Emergency Response Guide Onboard
Site arrival time 640
Site departure time 700
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reapes — Signature — Month 10 Day 14 Year 21

INT'L

15. International Shipments ☑ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett — Signature — Month 10 Day 14 Year 21
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Farren — Signature — Month 10 Day 14 Year 21

COVANTA
Environmental Solutions

SO223711

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140239

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

KO 29341
Trailer #
Emergency Response Guide On-board
Site arrival time 0625
Site departure time 0845
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Deric Reaper		10	15	21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Janice Morell	Janice Morell	10	15	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Sherry Ferrell		10	15	21

COVANTA
Environmental Solutions

SO222133

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140235

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-board
Site arrival time 10:35
Site departure time 8:15
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 15 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month 10 Day 15 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Terry Ferrell
Signature:
Month 10 Day 15 Year 21

COVANTA
Environmental Solutions

SO227435

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140261

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? YES ☐ None NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

R939
Trailer #34
Emergency Response Guide On-board
Site arrival time 1110
Site departure time 1200
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline/Tim Moyer for Adam Harris CPL — Signature: T.L Moyer — Month 10 Day 15 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jamie Maxwell — Signature: Jamie Maxwell — Month 10 Day 15 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Henry Ferral — Signature: Henry Ferral — Month 10 Day 15 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SQ222186

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140237

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	C	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-board
Site arrival time 10:15
Site departure time 10:45
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline Tim Mayer for Adam Harris CR — Signature: T. Mayer — Month 10 Day 15 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett — Signature: Bobby Jarrett — Month 10 Day 15 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Sherry Ferrell — Signature: Sherry Ferrell — Month 10 Day 15 Year 21

COVANTA
Environmental Solutions

SO 236944

~~SO221494~~

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140240

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-board
Site arrival time 12:50
Site departure time 1:15
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline/Jim Moye for Adam Harris CR
Signature: J. J. Moye
Month 10 Day 15 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature: Bobby Jarrett
Month 10 Day 15 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis
Signature: [signature]
Month 10 Day 15 Year 21

COVANTA
Environmental Solutions

SO233873

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG	1	(800) 814-1204	CES 140355

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT		5000G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR60
Emergency Response Guide On-board
Site arrival time 630
Site departure time 8:10
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 16 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CORBY TUCKER
Signature:
Month 10 Day 16 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katine Davis
Signature:
Month 10 Day 16 Year 21

COVANTA
Environmental Solutions

SO233866

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140354

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone: — U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	4,800	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 33
Emergency Response Guide On board
Site arrival time 7:00 am
Site departure time 8:50
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature — Month 10 Day 16 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jose Henriquez — Signature — Month 10 Day 16 Year 21
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katina Davis — Signature — Month 10 Day 16 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO233706

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG	1	(800) 814-1204	CES 140356

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5000g		PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR60
Emergency Response Guide On-board
Site arrival time 220
Site departure time 250
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 16 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Corby Tucker
Signature:
Month 10 Day 16 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katina Davis
Signature:
Month 10 Day 16 Year 21

COVANTA
Environmental Solutions

SO233878

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140351

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 660
Emergency Response Guide On-board
Site arrival time 630
Site departure time 7145
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Curtis Gunter As Agent For Adam Harris
Signature: Curtis Gunter
Month 10 Day 17 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature: Bobby Jarrett
Month 10 Day 17 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katina Davis
Signature:
Month 10 Day 17 Year 21

COVANTA
Environmental Solutions

SO233875

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG	1	(800) 814-1204	CES 140350

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 34
Emergency Response Guide On-board
Site arrival time 6:40
Site departure time 8:40
www.covanta.com

SHIPPER

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Curtis Gunter As Agent For Adam Harris
Signature: Curtis Gunter
Month 10 Day 17 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: James Prather
Signature:
Month 10 Day 17 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Raline Davis
Signature:
Month 10 Day 17 Year 21

COVANTA
Environmental Solutions

~~SO233868~~ SO233878

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140352

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # CC
Emergency Response Guide On Board
Site arrival time 11:40
Site departure time 12:05
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Curtis Gunter AS Agent For Adam Harris
Signature: Curtis Gunter
Month 10 Day 17 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature: Bobby Jarrett
Month 10 Day 17 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 17 Year 21

COVANTA
Environmental Solutions

SO236017

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG	1	(800) 814-1204	CES 140349

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 34
Emergency Response Guide On-board
Site arrival time 12:30
Site departure time 1:00
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Curtis Gunter AS Agent For Adam Harris
Signature: Curtis Gunter
Month 10 Day 17 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: James Prather
Signature:
Month 10 Day 17 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 17 Year 21

COVANTA
Environmental Solutions

SO235523

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140340

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	575	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

D334
Trailer #
Emergency Response Guide On-board
Site arrival time 0650
Site departure time 0850
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 18 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Dane Newell
Signature:
Month 10 Day 18 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Ferrell
Signature: Sherry Ferrell
Month 10 Day 18 Year 21

COVANTA
Environmental Solutions

SO235528

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140343

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boar
Site arrival time 6:40
Site departure time 8:35
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Deric Reapes		10	18	21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Bobby Jarrett		10	18	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)	Month	Day	Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Sherry Ferrell		10	18	21

COVANTA
Environmental Solutions

SO235530

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140338

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

KD3734
Trailer # 34
Emergency Response Guide On-board
Site arrival time 1000
Site departure time 1020
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 18 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Deric Maseie
Signature:
Month 10 Day 18 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Ferrell
Signature:
Month 10 Day 18 Year 21

COVANTA
Environmental Solutions

SO235527

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140342

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-board
Site arrival time 10:45
Site departure time 11:20
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Dale Reaper
Signature:
Month 10 Day 18 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month 10 Day 18 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Ferrell
Signature:
Month 10 Day 18 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO235529

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140336

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? YES ☐ None NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

MD 35
Trailer #34
Emergency Response Guide On Board
Site arrival time 1330
Site departure time 1400
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline / Tim Mayo for Adam Harris
Signature:
Month 10 Day 18 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Daniel McNeill
Signature:
Month 10 Day 18 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 18 Year 19

COVANTA
Environmental Solutions

SO235531

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140319

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 607
Emergency Response Guide On-boa
Site arrival time 10:45
Site departure time 8:20
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature — Month 10 Day 19 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett — Signature — Month 10 Day 19 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Sherry Farrell — Signature — Month 10 Day 19 Year 21

COVANTA
Environmental Solutions

SO235533

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140357

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	PLACARD?
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G	YES ☐ NO ☐ None
	2.					YES ☐ NO ☐
	3.					YES ☐ NO ☐
	4.					YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

MB 34
Trailer #
Emergency Response Guide On-bo
Site arrival time 0655
Site departure time 0850
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 19 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie Mowell
Signature: Jamie Mowell
Month 10 Day 19 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sharry Ferrell
Signature: Gregory Ferrell
Month 10 Day 19 Year 21

COVANTA
Environmental Solutions

SO235532

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140318

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5015	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boar
Site arrival time 10:10
Site departure time 10:30
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline/Tim Moyer for Adam Harris CPL — Signature: T L Moyer — Month 10 Day 19 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett — Signature: Bobby Jarrett — Month 10 Day 19 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Sherry Ferrell — Signature: Sherry Ferrell — Month 10 Day 19 Year 21

COVANTA
Environmental Solutions

SO235562

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140383

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	575	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

RD 39
Trailer # 34
Emergency Response Guide On-boar
Site arrival time 1105
Site departure time 1130
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Colonial Pipeline/Kim Moyer/for Adam Harris CPL	1-2-May	10	19	21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Jamie Merrell	Jamie Merrell	10	19	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper) Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Sherry Farrell	Sherry Farrell	10	19	21

COVANTA
Environmental Solutions

SO235914

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140370

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boa
Site arrival time 6:40
Site departure time 8:45
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 20 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month 10 Day 20 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Harry Farrell
Signature:
Month 10 Day 20 Year 21

COVANTA
Environmental Solutions

RD-40
SO235912 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140375

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boa
Site arrival time 6:30
Site departure time 8:10
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reages
Signature:
Month 10 Day 20 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 20 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Farrell
Signature:
Month 10 Day 20 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO235913

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140372

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boa
Site arrival time 10:00 AM
Site departure time 10:30
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Colonial Pipeline/Kim Moyer for Adam Harris CPL	J. L. Moyer	10	20	21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Bill Johnston	Bill Johnston	10	20	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper) Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Katina Davis		10	20	21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO235915

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140368

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5705	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-board 1/10
Site arrival time 11:35
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline/Tim Moyer for Adam Harris CPL
Signature: T.L. Moyer
Month 10 Day 20 Year 21

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature: Bobby Jarrett
Month 10 Day 20 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis
Signature: [signature]
Month 10 Day 20 Year 21

SHIPPER | INT'L | TRANSPORTER | DESIGNATED CONSIGNEE

COVANTA
Environmental Solutions

RD-40
SO235920 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140399

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # IR-18
Emergency Response Guide On-boa
Site arrival time 2:30 pm
Site departure time 8:20
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 21 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature:
Month 10 Day 21 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Ferrell
Signature:
Month 10 Day 21 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

SO235922

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 141423

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	4500	G	PLACARD? YES ☐ None ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boa
Site arrival time 12:4[illegible]
Site departure time 12-2[illegible]
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline/Tim Moyer for Adam Harris CPL
Signature: J. L. Moye
Month 10 Day 21 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 21 Year 21

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 21 Year 21

SHIPPER

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO235923

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141403

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	8125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 600
Emergency Response Guide On-bo
Site arrival time 11:20
Site departure time 11:58
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline/Tim Moyer for Adam Harris CPL
Signature: T. L. Moyer
Month 10 Day 21 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature: Bobby Jarrett
Month 10 Day 21 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 21 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO235924

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 141402

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5076	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boa
Site arrival time 10:20 AM
Site departure time 10:50
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline/Tim Moyer for Adam Harris CPL
Signature: T.L. Moyer
Month 10 Day 21 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 21 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Sherry Farren
Signature:
Month 10 Day 21 Year 21

COVANTA
Environmental Solutions

SO235918

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140393

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 620
Emergency Response Guide On-boa
Site arrival time 6:50
Site departure time 9:05
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 21 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month 10 Day 21 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Ferrell
Signature:
Month 10 Day 21 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO235929

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141431

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 600
Emergency Response Guide On-bo
Site arrival time 11:10
Site departure time 11:50
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline/Tim Moyar for Adam Harris CPL
Signature: T-L-Moya
Month 10 Day 22 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature: Bobby Jarrett
Month 10 Day 22 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: KalineDavis
Signature:
Month 10 Day 22 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO235925

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 141430

SHIPPER

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5076	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-bo
Site arrival time 10:30
Site departure time 10:50
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline/Tim Mayer for Adam Harris CPL
Signature: T. L. Mayer
Month 10 Day 22 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 22 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 22 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO235926

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141433

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boa
Site arrival time 0750
Site departure time 900
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reapes
Signature:
Month 10 Day 22 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature: Bobby Jarrett
Month 10 Day 22 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Farrell
Signature:
Month 10 Day 22 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO235928

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 141407

SHIPPER

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

Shipper's Phone:

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5076	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boa
Site arrival time 6:30 AM
Site departure time 8:30
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 22 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 22 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Sherry Ferrell
Signature:
Month 10 Day 22 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO235932

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141468

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	4700	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TK33
Emergency Response Guide On
Site arrival time 1:00
Site departure time 1:30
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 23 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tim Klaus
Signature:
Month 10 Day 23 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: KalineDavis
Signature:
Month 10 Day 23 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO235934

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141469

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? YES ☐ NO ☒ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

M039
Trailer #34
Emergency Response Guide On-boa
Site arrival time 1215
Site departure time 1240
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 23 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name:
Signature:
Month 10 Day 23 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katina Davis
Signature:
Month 10 Day 23 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SQ235931

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		1 (800) 814-1204	CES 141471

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5000	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR33
Emergency Response Guide On-boa
Site arrival time 6:50
Site departure time 7:30
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reapes
Signature:
Month 10 Day 23 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tim Klaus
Signature: Tim Klaus
Month 10 Day 23 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 23 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO235933

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141470

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

RD 39
Trailer # 34
Emergency Response Guide On-bo
Site arrival time 0655
Site departure time 0830
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 23 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie McNeill
Signature:
Month 10 Day 23 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 23 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO2359347

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG	1	(800) 814-1204	CES 141466

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5124	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

RD 39
Trailer #: 34
Emergency Response Guide On-boa
Site arrival time 1:20
Site departure time 1:50
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline Tim Moyer For Adam Harris CPL
Signature: T.L Moyer
Month 10 Day 24 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JAMES PRATHER
Signature:
Month 10 Day 24 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 24 Year 21

SHIPPER

COVANTA
Environmental Solutions

RD-40
TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		SO235936 (800) 814-1204	CES 141465

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions
U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number
NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boar
Site arrival time 6:40 AM
Site departure time 8:30 AM
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline / Tim Moyer for Adam Harris CPL
Signature: J. L. Moye
Month 10 Day 24 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 24 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: KalineDavis
Signature:
Month 10 Day 24 Year 21

COVANTA
Environmental Solutions

SO037734
~~SO235934~~

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG	1	(800) 814-1204	CES 141467

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5124	G	PLACARD? YES ☐ NO ☒ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:
Truck RD 39
Trailer # 34
Emergency Response Guide On-boa
Site arrival time 6:40
Site departure time 9:30
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline/Tim Mayer for Adam Harris CPL
Signature: T. L. Mayer
Month 10 Day 24 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: James Rother
Signature:
Month 10 Day 24 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 24 Year 24

COVANTA
Environmental Solutions

RD-40
TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO235935

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141464

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ None ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boar
Site arrival time 1200
Site departure time 1230
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: CPL/Jim Moyer for Adam Harris CPL
Signature: J.L-Moyer
Month 10 Day 24 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bill Schnstes
Signature: Bill Schnstes
Month 10 Day 24 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kalina Davis
Signature:
Month 10 Day 24 Year 21

COVANTA
Environmental Solutions

RD-40
SO236910 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141452

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	4500	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boa
Site arrival time 10:10AM
Site departure time 1200
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 25 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature:
Month 10 Day 25 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Katina Davis
Signature:
Month 10 Day 25 Year 21

COVANTA
Environmental Solutions

SO236911

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 141453

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-bo
Site arrival time 11:00
Site departure time 11:30
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline / Kim Moyer for Adam Harris CPL
Signature: K L Moyer
Month 10 Day 25 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarnett
Signature: Bobby Jarnett
Month 10 Day 25 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 25 Year 21

COVANTA
Environmental Solutions

~~SO235919~~ SO236908

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140397

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boa
Site arrival time 6:50
Site departure time 8:45
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature: [signature] — Month 10 Day 25 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarnett — Signature: [signature] — Month 10 Day 25 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Sherry Farrell — Signature: [signature] — Month 10 Day 25 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

~~50235389~~ 50236904

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140215

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide Onboard
Site arrival time 6:30AM
Site departure time 8:20
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reagles
Signature:
Month 10 Day 25 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 25 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Mary Fenrell
Signature:
Month 10 Day 25 Year 21

SHIPPER

COVANTA
Environmental Solutions

~~50235927~~ 50236917

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141455

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☒ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boa
Site arrival time 6:45
Site departure time 9:00
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature
Month 10 Day 26 Year 21

INT'L

15. International Shipments ☒ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature
Month 10 Day 26 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Ferrell
Signature
Month 10 Day 26 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO236912

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141444

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boar
Site arrival time 11:00
Site departure time 11:30
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial/Tim Moyer for Adam Harris CPL
Signature: T. J. Moyer
Month 10 Day 20 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature: Bobby Jarrett
Month 10 Day 20 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 20 Year 21

COVANTA
Environmental Solutions

RD-D
SO236913 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141443

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	4500	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide Onboard
Site arrival time 10:20 AM
Site departure time 10:50 AM
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline Tim Mayer for Adam Harris CPL
Signature: T. L. Mayer
Month 10 Day 26 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 26 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 26 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO236915

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 141442

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions
U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number
NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5076	G	PLACARD? YES ☐ None ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-board
Site arrival time 6:40 AM
Site departure time 8:30
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 26 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 26 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Ferrell
Signature:
Month 10 Day 26 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

~~SO230907~~
~~SO235916~~ 230929

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140367

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-boa
Site arrival time 10:20A
Site departure time 8:30
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaps
Signature: Deric Reaps
Month 10 Day 28 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 28 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Farrell
Signature:
Month 10 Day 28 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		SO236934 (800) 814-1204	CES 140921

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-boa
Site arrival time 7:00
Site departure time 9:10
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature
Month 10 Day 29 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature
Month 10 Day 29 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Mary Forrest
Signature
Month 10 Day 29 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

SO236935

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140919

SHIPPER

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

Shipper's Phone:

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide On-bo
Site arrival time 12:00 PM
Site departure time 12:50 PM
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline Kim Moyer for Adam Harris CPL
Signature: K.L. Moyer
Month 10 Day 29 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 29 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Stacy Forest
Signature:
Month 10 Day 29 Year 21

COVANTA
Environmental Solutions

SO236936 RD-40 JR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140920

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	525	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide
Site arrival time 9:50 AM
Site departure time 10:00 AM
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reagor
Signature:
Month 10 Day 29 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 29 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Sherry Farrell
Signature:
Month 10 Day 29 Year 21

COVANTA
Environmental Solutions

RD-40
TR-18

~~S0236918~~ S0236933

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 141439

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR-18
Emergency Response Guide Onboa
Site arrival time 2:40 PM
Site departure time 3:50
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Colonial Pipeline / Tim Moyer for Adam Harris CPL
Signature: T. L. Moyer
Month 10 Day 29 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Johnston
Signature: Bill Johnston
Month 10 Day 29 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 29 Year 21

SHIPPER

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO236932

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140923

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 600
Emergency Response Guide On-b
Site arrival time 9:30
Site departure time 2:30
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Colonial Pipeline/Tim Moyer for Adam Harris CPL	T. Moyer	10	29	21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Bobby Jarrett	Bobby Jarrett	10	29	21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper) Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Katina Davis		10	29	21

COVANTA
Environmental Solutions

SO236937

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140924

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5725	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 60
Emergency Response Guide On-bo
Site arrival time 11:30
Site departure time 11:50
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: CPL/Tim Mayer for Adam Harris Colonial Pipelin
Signature:
Month: 10 Day: 25 Year: 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month: 10 Day: 25 Year: 21

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month: Day: Year:

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Sherry Ferrell
Signature:
Month: 10 Day: 25 Year: 21

COVANTA
Environmental Solutions

SO236941

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140927

SHIPPER

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	585	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

1035
Trailer # 24
Emergency Response Guide On-board
Site arrival time 0650
Site departure time 0835
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 30 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Donnie McNeal
Signature:
Month 10 Day 30 Year 21

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaine Davis
Signature:
Month 10 Day 30 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO236938

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140926

SHIPPER

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Phone:

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5,125	G	PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR 33
Emergency Response Guide On-bo
Site arrival time 7:00 am
Site departure time 9:15
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature — Month 10 Day 30 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jose Henriquez — Signature — Month 10 Day 30 Year 21

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name: Kaline Davis — Signature — Month 10 Day 30 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SQ236942

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG		(800) 814-1204	CES 140928

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725	G	PLACARD? YES ☐ None NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

TR39
Trailer # 34
Emergency Response Guide On-board
Site arrival time 1200
Site departure time 1225
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature
Month 10 Day 30 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jamie Morell
Signature
Month 10 Day 30 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature
Month 10 Day 30 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO236940

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140925

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions — U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5,000	G	PLACARD? YES ☐ None NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR 33
Emergency Response Guide On-board
Site arrival time 12:35 PM
Site departure time 1:05 PM
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper — Signature — Month 10 Day 30 Year 21

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jose Henriquez — Signature — Month 10 Day 30 Year 21
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper) — Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: KalineDavis — Signature — Month 10 Day 30 Year 21

SHIPPER / INT'L / TRANSPORTER / DESIGNATED CONSIGNEE

SHIPPER

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO239107

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG	1	(800) 814-1204	CES 141576

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125g		PLACARD? YES ☐ NO ☐ None
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR33
Emergency Response Guide On-board
Site arrival time 640
Site departure time 540
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 31 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CORBY Tucker
Signature:
Month 10 Day 31 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 31 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO239103

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 141575

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? YES ☒ None NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # 620
Emergency Response Guide On-board
Site arrival time 6:40
Site departure time 9:30
www.covanta.com

14. **SHIPPER'S CERTIFICATION:** I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 31 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month 10 Day 31 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: KalineDavis
Signature:
Month 10 Day 31 Year 21

COVANTA
Environmental Solutions

SO239105

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
NCVSQG	1	(800) 814-1204	CES 141577

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125g		PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # TR33
Emergency Response Guide On-board
Site arrival time 1250
Site departure time 115
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 31 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CORBY TUCKER
Signature:
Month 10 Day 31 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kalin Davis
Signature:
Month 10 Day 31 Year 21

COVANTA
Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO236943

BILL OF LADING	1. Shipper ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NCVSQG		(800) 814-1204	CES 140929

SHIPPER

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersvile North Carolina 28078

6. Transporter 1 Company Name: Covanta Environmental Solutions
U.S. EPA ID Number: PAR000043026

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:
U.S. EPA ID Number: NCR000135384

HM	9. Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5725	G	PLACARD? YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information
1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #: 66
Emergency Response Guide On-board
Site arrival time 1:45
Site departure time 2:00
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.
Shipper's/Offeror's Printed/Typed Name: Deric Reaper
Signature:
Month 10 Day 31 Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Jarrett
Signature:
Month 10 Day 31 Year 21
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED CONSIGNEE

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Bill of Lading Reference Number:
17b. Alternate Consignee (or Shipper)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Consignee (or Shipper)
Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a
Printed/Typed Name: Kaline Davis
Signature:
Month 10 Day 31 Year 21